

19990201.qrp v01_n354.qrl.990201

Date: Mon, 1 Feb 1999 19:03:15 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1354

QRP-L Digest 1354

Topics covered in this issue include:

- 1) [31611] June 89 QST article needed
by Paul Erickson <paule@sfu.ca>
- 2) [31612] WTB ..Tixie or Pixiekit
by K4NK@aol.com
- 3) [31613] NC 20 -- Bed of Nails Test
by John Bohnert <johnb@elmhurst.edu>
- 4) [31614] Re: Halftime es QRP
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 5) [31615] Ark. QRP announcement
by K4NK@aol.com
- 6) [31616] Historic Morse code station unplugged (in Japan)
by George Zafiropoulos <georgez@quickturn.com>
- 7) [31617] Jan '90 QST
by Paul Erickson <paule@sfu.ca>
- 8) [31618] Re: NC 20 -- Bed of Nails Test
by David Fifield <fifield@pacbell.net>
- 9) [31619] Freq Counter Replies
by Jeff Davis <jeff@jehosophat.com>
- 10) [31620] How Cancel AOL Account?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 11) [31621] Code stations going off air...
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 12) [31622] Doing the Happy Dance
by "WILLIAM T. ROSE" <supertec@mail.myriad.net>
- 13) [31623] NQ2RP/B: New Email Address
by wb2vuo@juno.com
- 14) [31624] Re: How Cancel AOL Account?
by ka1iic <ka1iic@ime.net>
- 15) [31625] Re: Soldering Coax Connectors
by wb2vuo@juno.com
- 16) [31626] Re: NC 20 -- Bed of Nails Test
by Donald E Sanders <w4bws@juno.com>
- 17) [31627] danced the happy dance
by "WILLIAM T. ROSE" <supertec@mail.myriad.net>
- 18) [31628] NC-20 Inventory
by J38AL@aol.com
- 19) [31629] "fireballs" and other low power 10M signal sources

- by ka7you@juno.com
- 20) [31630] FS: German and British morse keys
by "Bruce Prior" <n7rr@hotmail.com>
- 21) [31631] [RE]How Cancel AOL Account:
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 22) [31632] Milliwatts go mobile
by Jim <kj5tf@madisoncounty.net>
- 23) [31633] LZ5BB = LZ5DB ???
by w4pj@w4bkx.ampr.org
- 24) [31634] [OT] Repair source needed for HT
by The Boices <boice@bigfoot.com>
- 25) [31635] Measuring inductance with RF-1
by The Boices <boice@bigfoot.com>
- 26) [31636] Re: FB40 On the air
by "George Heron" <gheron@nac.net>
- 27) [31637] WS4S Final Fox log 1-29-99
by Conard Murray <WS4S@InfoAve.Net>
- 28) [31638] George Heron email address es Atlanticon
by Chuck Adams <adams@ticnet.com>
- 29) [31639] Fun with the code.
by Ed Loranger <we6w@juno.com>
- 30) [31640] Re: Measuring inductance with RF-1
by Ed Loranger <we6w@juno.com>
- 31) [31641] Re Communications Quarterly
by Mike Czuhajewski <wa8mcq@erols.com>
- 32) [31642] High current regulator
by Paul Erickson <paule@sfu.ca>
- 33) [31643] January 1999 QRP Quarterly
by Mike Czuhajewski <wa8mcq@erols.com>
- 34) [31644] NC20 Status de K5F0
by Chuck Adams <adams@ticnet.com>
- 35) [31645] K2
by Jay Bromley <w5jay@alltel.net>
- 36) [31646] norcal 20 and k2 in 2 days!
by Dick Schneider <rschneid@ix.netcom.com>
- 37) [31647] Smokey night on the NC20
by David Adams <adamsclan@netgate.net>
- 38) [31648] Re: [Heroes/Who's Who....Honor List
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 39) [31649] Re: Reminder for the FEBRUARY SPARTAN SPRINT
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 40) [31650] Re: signal generator update: LED vs. LCD
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 41) [31651] FCC (fwd)
by Scott Howell <whowell@hq.nasa.gov>
- 42) [31652] soldering coax connectors
by Peter_Simpson@ne.3com.com
- 43) [31653] Re: FCC (fwd)

- by "curt" <curt@icubed.com>
- 44) [31654] Re: Military Aerial disguised as tree on UK TV - any info?
by "Brad Bradfield, PE" <b_bradfield@yahoo.com>
- 45) [31655] Re: Smokey night on the NC20
by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
- 46) [31656] WTB RG-174
by Chuck Carpenter <w5usj@unicomp.net>
- 47) [31657] 12 volt to 120 inverter
by Jeff <fantbb@yahoo.com>
- 48) [31658] Radio Works Carolina Windom
by "David Burniston" <davidgb@nortelnetworks.com>
- 49) [31659] Re: WTB RG-174
by jeverhar@cse.1-3com.com
- 50) [31660] North Georgia QRP Group Meeting on Feb 6th from 11AM to 2PM at
TechAmerica in Atlanta, GA
by Sam Billingsley <SBillingsley@usaninc.com>
- 51) [31661] xcircuit-2.0a7
by Scott Cranston <cranston@zk3.dec.com>
- 52) [31662] mail list vs. newsgroup
by "Christopher Brewster" <brewsq@excite.com>
- 53) [31663] RE: Help drilling glass
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 54) [31664] (Fwd) mail list vs. newsgroup
by "Bryan Turner" <turnerw@email.uah.edu>
- 55) [31665] First QSO on a K2 Version XC
by Jeff Grudin <grudin@pacific.vdbs.com>
- 56) [31666] I com 735 trade/sale?
by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
- 57) [31667] receivers
by Scott Howell <whowell@hq.nasa.gov>
- 58) [31668] Another February QSO Party
by Jim Price N3QYE <jimprice@ipass.net>
- 59) [31669] K5FO's NC20
by Jim Lyons <lyons@canada.com>
- 60) [31670] Re: Help drilling glass
by Russ Hines <radioruss@fuse.net>
- 61) [31671] Trade: HW-9 QRP Rig.
by WQ1T@aol.com
- 62) [31672] Re: mail list vs. newsgroup
by "Jeff Davis (N9AVG)" <jeff@jehosopha.com>
- 63) [31673] Re: signal generator update: LED vs. LCD
by "Steven Weber" <kd1jv@moose.ncia.net>
- 64) [31674] Re: receivers
by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
- 65) [31675] Re: Radio Works Carolina Windom
by "Frank West" <ke6vhm@earthlink.net>
- 66) [31676] RE: Radio Works Carolina Windom
by "David Burniston" <davidgb@nortelnetworks.com>

- 67) [31677] Re: I com 735 trade/sale?
by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
- 68) [31678] Re: NC20 Status de K5FO
by Joe Gervais <vole@primenet.com>
- 69) [31679] NorCal 20 Missing Parts Shipped
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 70) [31680] QRP ARCI 1000 mile per watt club
by Jim <kj5tf@madisoncounty.net>
- 71) [31681] NC20 tips; K2 praise.
by Gary L Surrency <gsurrency@juno.com>
- 72) [31682] Re: Help drilling glass
by Bruce Kizerian <kizerian@ced.utah.edu>
- 73) [31683] Re: Fw: 38 Special Fails Smoke Test
by "Leonard J. Barish" <barish@kutztown.edu>
- 74) [31684] Re: Radio Works Carolina Windom
by Richard Rood <fcs@juno.com>
- 75) [31685] SW-xx+ audio output stage question
by John McKee <JMckee@RFMD.com>
- 76) [31686] Re: SW-xx+ audio output stage question
by Bill Jones <kd7s@psnw.com>
- 77) [31687] Free ICOM 706MK-II drawing for upgraded Hams.
by Ed Loranger <we6w@qsl.net>
- 78) [31688] Want mW or QRP WAS ? - Contests for next weekend !
by Jim <kj5tf@madisoncounty.net>
- 79) [31689] UTC Conversions
by dave.g@dja@psilink.co.uk (David J. Ackrill)
- 80) [31690] FREE logging program - (QRP/mW WAS)
by Jim <kj5tf@madisoncounty.net>
- 81) [31691] K5FO Photos of NC20
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 82) [31692] Re: Radio Works Carolina Windom
by Bruce Muscolino <w6toy@erols.com>
- 83) [31693] MINIPROP: Solar flux, or sunspot number?
by Jim Glover <psykey@okcforum.org>
- 84) [31694] Re: mail list vs. newsgroup
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 85) [31695] I'm mute
by David J Adams <adamsclan@netgate.net>
- 86) [31696] Re: Radio Works Carolina Windom
by "Hugo W. Catta" <hugo@banet.net>
- 87) [31697] Re: K5FO Photos of NC20
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 88) [31698] FYBO: Last-minute stuff
by Joe Gervais <vole@primenet.com>
- 89) [31699] Newsgroup vs mail reflector
by "Mike Czuhajewski" <wa8mcq@erols.com>
- 90) [31700] FYBO: Calling CQ
by Joe Gervais <vole@primenet.com>

- 91) [31701] Re: 12 volt to 120 inverter
by Bob Liesenfeld <wb0poq@visi.com>
- 92) [31702] Re: MINIPROP: Solar flux, or sunspot number?
by Jeff <fantbb@yahoo.com>
- 93) [31703] Re: 12 volt to 120 inverter
by Jeff <fantbb@yahoo.com>
- 94) [31704] Transistor Substitution URL's
by Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
- 95) [31705] Noise Cancelling circuit.
by Ed Loranger <we6w@qsl.net>
- 96) [31706] Re: mail list vs. newsgroup
by Roger Hightower <n7kt@earthlink.net>
- 97) [31707] Re: K5FO Photos of NC20
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 98) [31708] RS DX-392 for sale
by Scott Howell <whowell@hq.nasa.gov>
- 99) [31709] N7IR CQ 160 CW SO QRP
by Gary Hembree <gary.hembree@asu.edu>
- 100) [31710] NVIS propogation aid (web site)
by Jim Glover <psykey@okcforum.org>
- 101) [31711] Novelty QRPp Contest Winners!
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 102) [31712] Re: Want mW or QRP WAS ? - Contests for next weekend !
by Tom Palmer <n1tp@worldnet.att.net>
- 103) [31713] Re: mail list vs. newsgroup
by Jim Lowman <jmlowman@ix.netcom.com>
- 104) [31714] Re: Radio Works Carolina Windom
by "Frank West" <ke6vhm@earthlink.net>
- 105) [31715] Filters manage QRP-L (was Newsgroup vs mail reflector)
by Chuck Carpenter <w5usj@unicomp.net>

Date: Sun, 31 Jan 1999 16:02:17 +73600 (PST)
From: Paul Erickson <pauale@sfu.ca>
To: qrp-l@lehigh.edu (qrp)
Cc: qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [31611] June 89 QST article needed
Message-ID: <199902010002.QAA09553@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi There,

Does anyone have the June '89 QST that they don't need, or
would be willing to copy the article about the crystal

checker. (I have also seen a bibliographical reference to Jan. '90) I will be happy to cover expenses.

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Sun, 31 Jan 1999 19:02:51 EST
From: K4NK@aol.com
To: qrp-1@Lehigh.EDU
Subject: [31612] WTB ..Tixie or Pixiekit
Message-ID: <1d60b286.36b4ef2b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang;

I am looking to buy a original Tixie board or a pixie kit. If you have an extra one around your shack and want to get rid of it please e-mail me. Yes...I know I could order one but this might be faster. Thanks

73 Les K4NK

Date: Sun, 31 Jan 1999 18:03:55 -0600 (CST)
From: John Bohnert <johnb@elmhurst.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31613] NC 20 -- Bed of Nails Test
Message-ID: <Pine.SV4.3.96.990131175617.24389A-1000000@elmhcx9.elmhurst.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While waiting for the receipt of my NC 20 in the 'black hole propagation call area' of the US (qrper's with calls from both coasts seem to have received their NC 20's), I must ask...'what is the bed of nails test for PCB's?'

72 N9KW John Elmhurst,IL

Date: Mon, 1 Feb 1999 00:10:39 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <srichard@aldus.northnet.org>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [31614] Re: Halftime es QRP
Message-ID: <001a01be4d77\$4df680c0\$c542b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey, whatsa matter with now. Hit the mute button on Summereal and Madden,
put on the cans and go for it. Thats what I do! Just don't give me any
chewing gum! :-)
de Steve, W8SFF

Date: Sun, 31 Jan 1999 19:05:45 EST
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [31615] Ark. QRP announcment
Message-ID: <538962e2.36b4efd9@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Would some one from the Arkansas Qrp club please send the info on milliwatt
WAS contest. My computer zapped it.

72 Les K4NK

Date: Sun, 31 Jan 1999 16:08:05 -0800
From: George Zafiropoulos <georgez@quickturn.com>
To: qrp-l@lehigh.edu
Subject: [31616] Historic Morse code station unplugged (in Japan)
Message-ID: <36B4F064.E4A4F45D@quickturn.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This week I am on a business trip in Japan and read the following
"obituary" item in the morning paper...

"Nagasaki - A radioelegraph station in Isahaya, Nagasaki Prefecture,

that used only Morse code signals for maritime communications closed on Sunday after more than 90 years in operation.

The station, the last of its kind in Japan, was operated by Nippon Telegraph and Telephone Corp (NTT). It was closed because modern communications systems made it obsolete, NTT officials said.

Originally located on one of the prefecture's Goto Islands in the East China Sea, the station was built by the not-defunct Imperial Japanese Navy as a watchtower for enemy ships.

The tower was equiped to handle Morse code messages in 1903 and it received warnings about the approach of the Russia's Baltic Fleet in 1905 during the Russo-Japanese War.

In 1908, the center came under the control of the Ministry of Posts. It was moved to Isahaya in 1932, and its functions were transferred to the supervision of NTT in 1985."

'73 R.I.P. and QRT

'72 de George KJ6VU

Date: Sun, 31 Jan 1999 16:15:23 +73600 (PST)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@lehigh.edu (qrp)
Cc: qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [31617] Jan '90 QST
Message-ID: <199902010015.QAA12401@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry about that I just discovered that I read the Far Circuits site wrong. I need Jan '90 QST.

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Sun, 31 Jan 1999 16:34:31 -0800
From: David Fifield <fifield@pacbell.net>
To: johnb@elmhurst.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31618] Re: NC 20 -- Bed of Nails Test
Message-ID: <36B4F697.41DC60DD@pacbell.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

John,

A bed of nails tester for PCBs has sprung probes that make contact at every "node" on the PCB. A piece of test software then tests the continuity of the traces and checks that none are shorted to any other (like a short to GND). It makes sure that every PCB is 100% functional before shipping. Based on the number of test rejects we got on the NorCal 20, it was *WELL* worth spending the extra money to do this.

Your rig will turn up soon, fret not! Jim's mailing them as fast as he can go...

72, Dave Fifield, AD6A

John Bohnert wrote:

>
> While waiting for the receipt of my NC 20 in the 'black hole propagation
> call area' of the US (qrper's with calls from both coasts seem to have
> received their NC 20's), I must ask...'what is the bed of nails test for
> PCB's?'
>
> 72 N9KW John Elmhurst,IL

Date: Sun, 31 Jan 1999 19:36:56 -0500
From: Jeff Davis <jeff@jehosophat.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [31619] Freq Counter Replies
Message-ID: <19990131193656.L7125@jehosophat.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks to all for the comments and feedback on my frequency counter question.

I ended up being impatient and buying the RadioShack freq counter this afternoon. :-)

Thanks again everyone!

--

72 de Jeff, N9AVG

QRP-L 1640

Date: Sun, 31 Jan 1999 19:42:42 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [31620] How Cancel AOL Account?
Message-ID: <199901311944_MC2-68AE-1B88@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Anyone know the 800 Customer Service number for AOL? Cannot get online at all, and need to chat with those folks. If you have their 800 number, please send it. Thanks and pardon the BW.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Sun, 31 Jan 1999 20:18:37 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: George Zafiropoulos <georgez@quickturn.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31621] Code stations going off air...
Message-ID: <Pine.LNX.3.95.990131201234.18528B-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

All I can say is,

"Fools!"

>From a business case standpoint, it makes sense however:

1) it costs money to train operators

- 2) operators who leave must be replaced by trainees, who need training
- 3) salaries cost more than automated equipment
- 4) Given a higher cost, the number of additional people that will be aided via Morse Code is most likely to be small, meaning that it's a lot more money for a small improvement in performance

However, if the satellite-based systems were to ever fail, I'm fairly sure that nobody will be able to copy the digital signals by ear.

What's great is that ham radio doesn't follow the business case :)

Since we do it because we WANT to, for 99.999% of hams it's a losing proposition, financially speaking (we're not getting \$20/hour plus benefits to pound Morse code).

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sun, 31 Jan 1999 18:56:36 -0600
From: "WILLIAM T. ROSE" <supertec@mail.myriad.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31622] Doing the Happy Dance
Message-ID: <36B4FBC4.FF5D85F4@mail.myriad.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys and Gals,
Doing the Happy dance, .. Had a QSO with ED WE6W in Santa Rosa, CA
last night at 0130CST and found a pristine Copy of "QRP Classics"
and talked the Ham into selling it to me for the New price of
\$12.00 and he threw in "Solid-State QRP Projects" by ED NOLL and "
How to get Started in for free. And to top off a great Day The
NIGHTLITES Net is tonight at
0230 UTC on 3.6864 Mhz ... NOW for some good reading.. Happy
Dance....
Happy Dance....
QRP" by Dave Ingram"
--

KC5SCCBILL
"Deep in the Heart of Texas" BRYAN, TX
Emtech 80/20 80m & 40m ---Knightlite Smit 80m ---Pixie II 40m
Kenwood TS520 --Kenwood TS700SP 2m --Icom ic-w21at 2m/70cm
Ant. 80m Gnd Delta loop--Hamstick 40m dipole--Tucker Vub-2 2m
Crushcraft A14820T 2m Beam

Date: Sun, 31 Jan 1999 19:57:40 EST
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [31623] NQ2RP/B: New Email Address
Message-ID: <19990201.005253.5087.0.wb2vuo@juno.com>

The new Email address for the NQ2RP/B reports is now on the beacon ID.

Send reports to: qrp10@juno.com

Thanks and 73, Keith, WB2VUO, Trustee, NQ2RP/B 10 Meter QRPp Beacon
28.2873 MHz on YOUR Radio Dial!

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 20:22:20 -0800
From: ka1iic <ka1iic@ime.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31624] Re: How Cancel AOL Account?
Message-ID: <36B52BFC.7ECF@ime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Try 1-800-827-6364

73
Vince
ka1iic
-.-.

Wilford D. Lindsey wrote:

>
> Gang:
>
> Anyone know the 800 Customer Service number for AOL? Cannot get online
> at all, and need to chat with those folks. If you have their 800 number,
> please send it. Thanks and pardon the BW.
>
> 72/73,
> --Doc Lindsey/K0EVZ
> DSBF
> P.O. Box 7187
> Bismarck, ND 58507
> E-Mail 70511.3041@compuserve.com

Date: Sun, 31 Jan 1999 20:19:53 EST
From: wb2vuo@juno.com
To: sigcom@juno.com, qrp-1@lehigh.edu
Subject: [31625] Re: Soldering Coax Connectors
Message-ID: <19990201.011743.5087.2.wb2vuo@juno.com>

Hi Steve. I am sending this to the List, too...

As for using the tip nuts pressed against the body of the connector, I would have to dig up the original article, but I saw in the ARRL "Hints & Kinks" book about 20 years ago.

What you do is run the full current through the connector, and the highest resistance in the "line" heats up first, this being the braid and adapter. The whole shell gets VERY hot and the solder flows nicely into all the nooks and crannies.

I still need to remove the cad-plate on the cheap connectors. I use a Dremel Moto-tool with a Scotchbrite (tm) wheel that I cut from a pad. I attach it to the sanding disk mandrel and it takes the plating off in a couple of quick passes. I wear a dust & fume mask as cadmium is not good to breathe or ingest.

Tinning the connector is not needed with this method as long as the plating is removed to shiny brass.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp. Trustee, B/BAMS club station and the NQ2RP/B 10 Mtr QRPp beacon

"My night light runs more power than my Rig!!!"

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 20:16:39 -0500
From: Donald E Sanders <w4bws@juno.com>
To: johnb@elmhurst.edu
Cc: qrp-1@Lehigh.EDU
Subject: [31626] Re: NC 20 -- Bed of Nails Test
Message-ID: <19990131.201649.13662.1.w4bws@juno.com>

You lay on the bed of nails so the pain of waiting for your
kit will be reduced.
Seriously, Dave's answer is what was used in the industry
for better than 30 years, of course in later years the testing
was computerized.

Don W4BWS

On Sun, 31 Jan 1999 18:03:55 -0600 (CST) John Bohnert
<johnb@elmhurst.edu> writes:
>While waiting for the receipt of my NC 20 in the 'black hole
>propagation
>call area' of the US (qrpers with calls from both coasts seem to have
>received their NC 20's), I must ask...'what is the bed of nails test
>for
>PCB's?'
>
>72 N9KW John Elmhurst,IL
>
>

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Date: Sun, 31 Jan 1999 19:53:25 -0600
From: "WILLIAM T. ROSE" <supertec@mail.myriad.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31627] danced the happy dance
Message-ID: <36B50915.2A558293@mail.myriad.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have no Idea how that happened...
that was suppost to read "How to get started in QRP" By Dave
Ingram..
fat fingers from hitting the Key too Hard...
--

KC5SCCBILL
"Deep in the Heart of Texas" BRYAN, TX
Emtech 80/20 80m & 40m ---Knightlite Smite 80m ---Pixie II 40m
Kenwood TS520 --Kenwood TS700SP 2m --Icom ic-w21at 2m/70cm
Ant. 80m Gnd Delta loop--Hamstick 40m dipole--Tucker Vub-2 2m
Crushcraft A14820T 2m Beam

Date: Sun, 31 Jan 1999 21:07:40 EST
From: J38AL@aol.com
To: qrp-l@Lehigh.EDU
Subject: [31628] NC-20 Inventory
Message-ID: <e79e759.36b50c6c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I did the parts inventory this morning and everything was there - no missing
parts, no broken parts, just a different part. R54 is in the list as a 5%
resistor but in the bag it's a 1%. I'm not moving along like Chuck, K5FO but I
am moving and enjoying every minute of it. Looks like my other kits will be on
hold for a little while.
72, Al N2ZHS Scotia, NY

Date: Sun, 31 Jan 1999 21:35:27 EST
From: ka7you@juno.com
To: QRP-L@LeHigh.EDU
Subject: [31629] "fireballs" and other low power 10M signal sources
Message-ID: <19990131.185159.2495.1.ka7you@juno.com>

Does anybody have an idea what the result might be if one took the few
milliwatts from the "Firerball" and coupled it to the final of an old CB
radio? I can't think of a much better use for some of the old junkers
I've picked up at garage sales. Of course I would have to do some
re-tuning, but what might one expect for an output level?

TIA,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 18:38:38 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [31630] FS: German and British morse keys
Message-ID: <19990201023839.8129.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

For Sale:

A beautifully smooth German Schurr iambic mini paddle is designed to be mounted on your own custom base or on your rig. Its metal gleams.
\$155 plus shipping

German Junker military key cover is partly-corroded pot metal, on heavy metal base. The carefully-designed key itself is in much better condition than the cover. This is a great SKN machine and conversation piece for your shack. \$85 plus shipping

British Type 502 sealed lifeboat key with leg-strap mounting, ideal for portable or mobile operation. \$45 plus shipping

Each key is unrestored.

Bruce Prior N7RR
(360) 332-6046
n7rr@hotmail.com
P.O. Box 4472
Blaine, WA 98231-4472

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 31 Jan 1999 21:51:03 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [31631] [RE]How Cancel AOL Account:
Message-ID: <199901312153_MC2-68B5-D325@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

WOW!--so many replies, so little time to respond individually :-).
Would prefer to thank everyone individually but with over 35 replies,
it is impossible. Anyway thanks one and all for helping me out. BTW I
am not leaving e-mail. Staying with Old Faithful Compuserve.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Sun, 31 Jan 1999 21:27:15 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [31632] Milliwatts go mobile
Message-ID: <36B51F13.3DFC@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Today the first day of the AR QRP mW WAS contest I thought I'd see how
well I did WITHOUT my 2 ele quad and 70' tower.

>From 19:30z to 22:30z I was chaseing everything on 10 and 20M with
milliwatts, parked in my pick up truck. I had my QRP+, and WM-2

carefully packed for the day. Near Fayetteville, Ar.

First I tried 10M with 150mW. On 10M I use a converted 4' CB whip, thats flat across the majority of 28mHz.

19:44z VE6YS Alan gave me a 329. He has good ears for anyone, and at 91 he's remarkable! He copied my 150mW very well. We had a bit of a chat, and signed off without loseing me.

20:07z VE6JAZ/QRP Rob gave me a 439. He was 3w and gud 569 with me. I wrked Rob with 70mW on 1/18/99 with my quad beam at home, so interesting to wrk him with the mobile antenna.

20:45 N6EU Russ my 1st state in the mW WAS contest, gives me a 359 from Calif. At 150mW its kinda high so I must look for another Calif stn to reduce my WASTP.

Next 20M and my trusty Hamstick. Power now is 300mW. (The QRP+ puts out more pwr on lower freqs)

21:14z KB8PVQ Jason from OH gives me a 579! Then QSB takes me down, and I must go up to 700mW for him to hear me. Jason who is 19 years old seemed to enjoy the milliwatt QS0, I know I did! My second state in the mW WAS is Ohio.

21:35z N7SD Earnie gives me a 449 from Florida. My 3rd mW WAS state is Florida.

22:07 KB8U/M Russ is bicycle mobile in Mich.! He's useing a SST and the same Hamstick Im useing! His rig keys hard at 2w, and he rises above the QRM. I had to come up from 300mW to full blowing 4w to finish the QS0. He was 569 at times from his bicycle! Amazing day! He didnt get my call right with 300mW so I didnt count MI as another state.

I guess this shows that you dont have to have a beam antenna 70' off the ground to work milliwatts. Go get those mW WAS contacts, and QSL them.

First day States worked 3 WASTP= .750 (Must reduce that)!

Haveing fun yet? Jim KJ5TF AR QRP #2

PS - I'm going for lowest WASTP, but Im not in the running for the grand prize.

Date: Sun, 31 Jan 1999 22:27:31 EST

From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [31633] LZ5BB = LZ5DB ???
Message-ID: <47265@w4bkx.ampr.org>

Someone asked for info Re: LZ5BB
I think probably it was LZ5DB, He was working 40m tonight 7006Kc.
and had a very good signal S-9+ here in S. Florida
(Temporary home of the Denver Broncos =[8^))
The info - obtained from EA7URC-5 DXCluster is:

Callbook Server (ver c0.3) at gw.ab6qv.ampr.org
Call:lz5db

Name and Address:
Milen Dimov,
ul Vozheli 6,
6100 Kazanlik, Bulgaria

DXCC Country: Bulgaria
License Class: (description not available)

QSL Bureau address (based on the prefix):

Bulgarian Federation of Radio Amateurs, Box 830,
1000 Sofia, Bulgaria

This information is kindly provided by the QRZ! WWW callbook at www.qrz.com.
LZ5DB:
MILEN
BOX 54
KAZANLAK 6100 BULGARIA

GL es DX
de Scott / W4PJ

Date: Sun, 31 Jan 1999 22:04:00 -0600
From: The Boices <boice@bigfoot.com>
To: qrp-1@Lehigh.EDU
Subject: [31634] [OT] Repair source needed for HT
Message-ID: <3.0.6.32.19990131220400.00931ae0@mailbox.arn.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

A friend's HT smacked onto the floor this afternoon, and seriously messed up the rig. Anyone know of a good source to get a decade or so old Santec 2 meter rig repaired?

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sun, 31 Jan 1999 22:29:29 -0600
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [31635] Measuring inductance with RF-1
Message-ID: <3.0.6.32.19990131222929.00935d00@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Maybe I'm missing something here (common), but when using an Auttek RF-1 Analyst to measure inductance, say on a coil I just wound, at what frequency should I take the reading?

For example, if I'm winding a coil for a Sierra module, do I measure L at the intended operating frequency range, the fundamental crystal frequency, or elsewhere? What about the DMMs or adapters used in conjunction with DMMs - are they measuring L at DC?

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sun, 31 Jan 1999 23:48:00 -0500
From: "George Heron" <gheron@nac.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <njqrp@njqrp.org>
Subject: [31636] Re: FB40 On the air
Message-ID: <00a501be4d9e\$11c44700\$83327bd1@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey, congrats Bob! Just wait 'till you get the amp part of the pcb populated ... it's a beaut! A number of us have now fully populated the boards and have a nice little solid QRP transmitter. I've also popped my other "Son of Fireball" 28.060 oscillator can into the socket and have worked a station on 7015 with one watt (I put a trim pot on the input of the amp of my rev B board to give me some adjustment ... I try never to use more than 1W)

Our official announcement of the bag-o-parts for the FB40 rev B board amplifier kit (with an option add-on for a TiCK keyer) will be coming out this week.

Not too sure if we have a spot/time for FB40's to gather ... perhaps we ought to set up some standard time of the evening or week as a group ... Ken (N2CQ)?

There's still some prizes hanging out there for the first 2x contacts made on any of the FB40's frequencies ;-)

73, George N2APB
n2apb@amsat.org
for the NJ-QRP Cub at <http://www.njqrp.org>

>Hi everyone,

>

>I just assembled my FB40 kit and got it on the air. This is one great kit!

>My complements to everyone involved with the design and documenting of it.

>

>It took me around 90 minutes from start to finish, and I was taking it easy.

>(I'd definitely recommend a \$0.99 investment at RS for a couple of 14 pin IC

>sockets). The instructions were clear and simple, and the rig worked the

>first time I powered it up. The next step is to mount it in an altoids tin

>I've been saving.

>

>I tried contacting someone tonight around 10:30 PM, but no takers. anyone

>have any ideas when the best time is to hook up with some of you others out

>there?

>

>Hope to catch someone on the air soon.

>
>72 de Bob/KB2SGM

Date: Sun, 31 Jan 1999 23:25:37 -0600
From: Conard Murray <WS4S@InfoAve.Net>
To: qrp-l@lehigh.edu
Subject: [31637] WS4S Final Fox log 1-29-99
Message-ID: <3.0.3.32.19990131232537.00f7ae18@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

0300	N3YSI	559	PA	PAUL	1835
0304	N5JI	569	TX	DICK	1054
0310	NQ7X	559	AZ	FLOYD	343
0313	VE3JC	579	ON	JOHN	744
0314	KU7Y	559	NV	RON	17
0314	N5TW	579	TX	TOM	1474
0316	K5LN	559	TX	BILL	1794
0318	AF5Z	579	TX	BOB	984
0319	K1MG	559	CA	MIKE	614
0320	AB5WX	559	TX	DAVE	1718
0322	AJ4Y	449	FL	PAUL	1795
0323	W8SFF	559	MI	STEVE	1288
0325	AA5TA	559	TX	LARRY	1245
0327	KG2LO	559	NJ	ROD	1445
0335	AC4HF	439	TN	JEFF	98
0335	N0AR	559	MN	SCOTT	1455
0336	W0RSP	579	SD	ADE	661
0338	KQ5U	559	TX	TERRY	1603
0338	K8DD	559	MI	HANK	246
0340	K8CV	559	MI	WALT	935
0342	AK7Y	559	AZ	GREG	1693
0343	W5TB	559	TX	DOC	673
0345	KF4KSM	589	FL	MAC	704
0345	K5ZTY	599	TX	BILL	473
0346	KK5LD	559	TX	DAN	5W
0349	W5HNS	569	TX	HENRY	178
0350	N1TP	559	FL	TOM	1317
0351	K1CL	559	MA	CHUCK	217
0352	W5SB	559	TX	BILL	1279
0355	W5TA	559	TX	DICK	1842
0356	K1QM	569	MA	JOEL	337
0357	AB7TT	559	AZ	JOE	191
0358	K0EVZ	559	ND	DOC	851

0400 N1FN 559 CO MARSHALL 153
0402 WQ8RP 569 MI HANK 246
0403 AB5UA 539 OK CLIF 478
0404 K7TQ 449 ID RANDY 102
0406 KI7MN 449 AZ BOB 271
0408 KI0II 559 CO RON 928
0410 AB8DF 339 MI ED 1444
0416 WS8D 449 MI MIKE 1188
0417 AB0GO 339 CO DAVE 785
0420 WE6W 339 CA ED 1068
0423 KF6CTA 439 CA DICK 951
0427 VE5RC 339 SK BRUCE 886
0432 KD5CMN 559 TX MIKE 1328
0434 KA5T 559 TX LARRY 89
0436 VE6EWM 239 AB EARL 1076
0443 K5OI 559 NM TIM 73
nothing heard after 0443Z

Date: Sun, 31 Jan 99 23:46:28 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [31638] George Heron email address es Atlanticon
Message-ID: <E107C94-0004Iv-00@smtp.ticnet.com>

George,

I have tried for over a week to respond to your email via reply and now it is coming back as undeliverable or no such address.

Send an email to yourself and check the headers.
Has your admin or ISP goofed up?

Your last email noted that I have been dropped from the speaker list at Atlanticon. Sorry to see that. I will not be attending then. I have no other way to respond other than via the list, sorry for the broadcast.....

dit dit

--
Chuck Adams K5FO adams@ticnet.com CP-60

<http://www.ticnet.com/k5fo>

Date: Mon, 01 Feb 1999 00:47:00 EST
From: Ed Loranger <we6w@juno.com>
To: qrp-1@lehigh.edu
Subject: [31639] Fun with the code.
Message-ID: <19990131.214626.7999.5.we6w@juno.com>

Boy, it sure is fun doing the code. I was sitting here thinking about all the fun and working qrp. And how sometimes I'm tuning up at such a low power no-one could possibly hear my 5 milliwatts, yet with the CW I've netted unexpected QSO's! It pays to follow procedure even during a 5 mW tune-up. I send my call and test and SRI if necessary. Not just a T-O-N-E.

So tonight I hear this guy on 80 meters. OK, I thought, when I had a regular 40 meter Dipole with a 10:1 SWR on 80 meters, sure, I worked a ham a few times, but usually no-one hears me. So this guy is calling CQ and I call back. 579! I guess the folded dipole for 40 meters does ok. Not a recommendation, just interesting.

Then I look at my 10 meter fox success log, all 8 qso's on there. Only 3 of them counting for the books. And #8 is Sam/KH6AFS with his 800 mW to a Rhombic, 315 feet of wire on each leg. He did give me his Hilo QRP club number, HI#007. Must be a special agent, eh? Nice guy that Sam. Worked him on 15 Meters last night.

So I'm looking at this 10 Meter fox log and catch a call on there, just out of the corner of my eye. AC4VV. Hmmm. Vee's. And the mind goes didididah, didididah. But not as fast as I can send. In fact, it is interesting that I have to think hard to send it mentally faster than 15 wpm. The brain tries to tell the mouth to sing it, then the brain tells the tongue you are doing this quietly and stops the tongue from forming dits and dahs. Silence is QRS. All that brain communication slows everything down.

I guess that explains why sometimes I send the correct words on the bug key without thinking. Then I get locked up thinking and trying to spell "exceptional", there just isn't an "S" in there!

It is as if the sending operation, fist and key, are operating like the lips and tongue while speaking -- I know I don't think where the tongue goes, or the lips tighten to send vocal sounds.

Interesting thoughts. I think I'll do more vocalizing with my key and less spelling. Maybe get up to 50 WPM instead of stumbling here at 40 for so darn long....

Oh, sure was quiet during the football game. The radio was dead and I was fairly alone. Then after the game I couldn't find anywhere to hang my hat for a qso!

G'night all.
-ED

72, Ed WE6W, AR Millennium QSO's=247/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 01 Feb 1999 01:05:11 EST
From: Ed Loranger <we6w@juno.com>
To: boice@bigfoot.com
Cc: qrp-l@Lehigh.EDU
Subject: [31640] Re: Measuring inductance with RF-1
Message-ID: <19990131.220430.7999.7.we6w@juno.com>

Measure at the frequency it is to be employed.
-Ed

72, Ed WE6W, AR Millennium QSO's=247/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

On Sun, 31 Jan 1999 22:29:29 -0600 The Boices <boice@bigfoot.com> writes:
>Maybe I'm missing something here (common), but when using an Autek
>RF-1
>Analyst to measure inductance, say on a coil I just wound, at what
>frequency should I take the reading?
>
>For example, if I'm winding a coil for a Sierra module, do I measure L
>at

>the intended operating frequency range, the fundamental crystal
>frequency,
>or elsewhere? What about the DMMs or adapters used in conjunction
>with
>DMMs - are they measuring L at DC?
>73,
>
>Mike Boice, KW1ND
>Canyon TX
>QRP-L # 576
>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 01 Feb 1999 01:26:59 -0500
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@lehigh.edu>
Cc: Mike Czuhajewski <wa8mcq@erols.com>
Subject: [31641] Re Communications Quarterly
Message-ID: <36B54933.540B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree with all of the good things said about it. Excellent mag; give it a try, if you don't mind the price, and you will probably love it.

Admittedly they could economize if they wanted. I haven't seen a copy in a year or two, but I presume they still have the wide open spaces, wide margins, and ultra-bright slick paper. They could compress things (push out the margins) and go to a lower grade paper, drop the price, and arguably increase their subscriber base. In fact, if you look at issue number 2, years ago, you'll see my letter to the editor taking them to task for this :-) Didn't do any good, obviously :-)

BTW, I don't think anyone else mentioned this, but Terry Littlefield, one of the guiding lights of Comm Quarterly, married Rick Littlefield, K1BQT of QRP fame, several years back.

As I said, give Comm Quarterly a try--a great mag. And if anyone hasn't seen QEX in the last year or two, definitely give that a second look! They really put it on steroids a while back :-)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Sun, 31 Jan 1999 22:49:47 +73600 (PST)
From: Paul Erickson <paule@sfu.ca>
To: qrp-1@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [31642] High current regulator
Message-ID: <199902010649.WAA03851@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have been given a couple of old power supplies that I would like to modify to make more useful. They currently have:

5v - 5amp regulated

+/- 15v - 2amp regulated and

24v - 10amp unregulated

I need to build a regulator for the latter to bring it to 13.5v to run various 12v items in the shack (ie. 2meter rig, antenna tuner etc.)

I am working through the power supply section of the handbook and figure that a series regulator using a pair of devices in a darlington pair will probably be my best bet.

One of them, I would like to turn into a bench supply, and any suggestions to make them more useful would be appreciated.

They are big, ugly, and old, but the price was right.

Thanks in advance.

cheers, Paul - VE7CQK - email: paule@sfu.ca

Date: Mon, 01 Feb 1999 01:50:57 -0500
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-1@lehigh.edu>
Cc: Mike Czuhajewski <wa8mcq@erols.com>

Subject: [31643] January 1999 QRP Quarterly
Message-ID: <36B54ED1.3F9D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I hate to contradict WJ2V, but Monte/KU7Y didn't do the QRP Quarterly for two years--it was actually 14 issues by actual count :-). And I remember how Monte always used to say that he'd like to drive it up to a 60 page journal...and ended up putting out a lot that were well over that!

And now George Heron, N2APB, the new editor, somehow managed to find time to make it an incredible 94 pages on his first one! And it's a fine looking issue, believe me.

If anyone would like to know how to subscribe or renew a lapsed subscription, you can surf over to our web page, www.qrparci.org and find the details.

And if anyone has an article in them that they'd like to see published, you can contact me or George and we'll point you toward the appropriate person to send it to. (Or if you have something technical that's shorter and less formal that you think isn't really enough for a full size article, you can send it to me for use in my Idea Exchange column.)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Mon, 01 Feb 99 01:11:15 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [31644] NC20 Status de K5F0
Message-ID: <E107DT7-0004XR-00@smtp.ticnet.com>

Gang,

This is fun. Up through Section 14 now and everything is working just fine. No problems. Was scared right after putting in the Tick Keyer but that scare was caused by weak battery since the only one with small connector is 0.8Ahr Gel-Cell.

Was it Gary in AZ or whoever that commented the other day about MODE B? MODE B was not my problem at Pacificon, it was MODE A. MODE B I can do. :-). And since it was Gary

from Embedded that handed me the keyer that did that
I think he owes me a Tick-3. :-) Just kidding guys and girls....

The most important thing that you can do when building this kit
for the 500 in the first round (and the only round unless someone
picks up the commercial rights from Dave) is to take a typing page.
At the first of each section list the part numbers, one per line.
Then go to the parts list in the appendix and write beside each
one the value, the color codes if it is a resistor, etc. Pictures if
you need them.

I know this takes time, but it is time well spent. This is not a race.
You want the rig to work the first time everytime you power it up.
Mine has so far. But the list helped me prevent one mistake
where I was about to place a 10 ohm resistor where I needed a
10K. The mind must have been daydreaming listening to Eric Clampton
and some R&B. :-)

The parts density is high and you just have to take your time and
be careful. Consider it brain surgery. :-)

OK the doc has to get back to the patient. Pictures on the
web for the late night owls and owlettes. Where is that diet coke
and the brownie that Phyllis made? Oh, here it is. Ciao/Chow....

dit dit

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Mon, 01 Feb 1999 01:16:35 -0600
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31645] K2
Message-ID: <36B554D3.7445987A@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,
Thought some of you might like to know what it is like to build the K2
beta test unit so far. I had some company up from Houston this weekend
so I am not very far into it. The manual is down right neat, spiral

bound so you can lay the page your working on flat. They wrote the manual to install the components left to right so you not spending all day trying to find where to put R1. In other words if R1 is the farthest resistor to the left and R5 comes after R1 that's the order the manual has you to put them in. Gee these guys must have built a few kits. Nice touch guys!

Oh I was really worried about the K2 being shipped Priority Mail but, not after I got it. Inside the Priority Mail Box is a heavier box and everything nicely packed. There are just not enough words to describe how neat this kit is. I had a stupid question I needed answering so I drop Eric an e-mail and less than an half an hour I got a reply, the guy never sleeps. Those that are wondering if they did the right thing by ordering the K2 -----you did!!
Soldering iron cold, have to go to work today darn it.
W1DRY just got his going, lucky dog.

73 de w5jay

Date: Fri, 29 Jan 1999 00:25:56 -0700
From: Dick Schneider <rschneid@ix.netcom.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [31646] norcal 20 and k2 in 2 days!
Message-ID: <36B16284.FF28F924@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Holy cow!

On Friday, the Norcal 20 arrives. On Saturday, the K2. where do I start? Think I'll limber up with the Norcal 20 and then launch the K2. A busy month ahead.

72 Dick AB0CD..

Date: Sun, 31 Jan 1999 23:43:58 -0800
From: David Adams <adamsclan@netgate.net>
To: qrp-l@lehigh.edu
Subject: [31647] Smokey night on the NC20

Message-ID: <36B55B3E.FEF04848@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, I was trying to trace down a bug in the receiver of the NC20...I was a bit frustrated and should have walked away. Of course, you never do at that point. Anyway, I was probing around checking voltages. I found that q1 seemed think it was in transmit mode (.38V, 3.5-4.4v, 3.8V). This didn't make sense, so I continued checking voltages to see if I could isolate any other trouble spots. I got to q8 when my probe slipped. Now, I was probing the other side of the board. Suddenly there was a big puff of smoke from the top side of the board, but of course by the time I flipped the rig, the smoke was gone. I slipped away from q7 and I doubt it was a cap or resi, so I will replace q8 in the morning...bugger it all! Go figure...I still have to figure out the q1 sit though...

73 de dave, n9uxu

--

David J Adams, N9UXU

adamsclan@netgate.net

Amateur Radio, Flow Cytometry, Digital Photography and Parrot enthusiast

<http://u1.netgate.net/~adamsclan>

Date: Mon, 01 Feb 1999 10:18:48 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Subject: [31648] Re: [Heroes/Who's Who....Honor List
Message-ID: <E107G0R-0004EY-00@relay3.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Yagi Uda, Japanese ham pioneer

This is actually two people! :o)

Also, they 'invented' the so called Yagi antenna. I'm not so sure they were Hams though, they were trying to transmit electrical energy, in much the same way that beaming microwaves from satellites has been suggested as a way of transmitting energy derived from the Sun.

Dave (G0DJA)

Date: Mon, 01 Feb 1999 10:18:44 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-1@lehigh.edu
Subject: [31649] Re: Reminder for the FEBRUARY SPARTAN SPRINT
Message-ID: <E107G00-0004EY-00@relay3.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Can anyone tell me the UTC (GMT) equivalent for EST/CST/MST or PST please?

I'm thinking of having a go at the sprint from this side of the Pond.

Thanks - Dave (G0DJA)

>1. Start at 9:00 PM EST, 8:00 CST, 7:00 MST and 6:00 PST. Finish at 11:00 PM
>EST, 10:00 CST, 9:00 MST and 8:00 PST.

Date: Mon, 1 Feb 1999 07:00:29 -0500 (EST)
From: "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
To: Ed Loranger <we6w@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31650] Re: signal generator update: LED vs. LCD
Message-ID: <Pine.GS0.3.96.990201064843.17844A-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ed,

I replied privately to David, not knowing that the LCD/LED question was as important as it certain now appears to be.

Although I shall not design the generator (but be a grateful user if/when it emerges), there does appear to be a design challenge in this department.

If the chips involved are AC pick-up sensitive--as I have been told in the past that they are--then operation of the generator might have to be via battery, with perhaps a charging mode between uses for Ni-Cads or the like. Battery drain might make a full spread of LEDs for all digits from 10s of MHz down to single Hz (or whatever might be reasonable in that range) very current hungry compared to LCD displays--and thus shorten the

useful period for any given test session between charges.

Obviously, ingenious ways to cut LED current drain, equally ingenious ways to eliminate the AC sensitivity of the chips, or some combination of these two and other measures might well make the brighter, less-erroneous-reading prone LEDs feasible. My old eyes hope so, but will accept LCD if all the key electronic functions are incorporated in an otherwise solid unit.

Up until 6 months ago, some elevators in my building (office) still used the old tubes. I think they rewired the elevators when they could no longer get the tubes, not as reported to add enunciators for blind users of the building. When the switching would go sour, as it often did, combinations of numbers and partials made up some interesting 3-D geometric patterns.

-73-

LB, W4RNL

Date: Mon, 01 Feb 1999 07:38:30 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu, cw@qth.net, larc-l@webtrek.com
Subject: [31651] FCC (fwd)
Message-ID: <3.0.5.32.19990201073830.007dd6a0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

looks like the FCC is on the war path. There's hope the bands will be getting a bit cleaner. Thought you all might find this of interest.

>FCC Comes A Callin' in Carolinas
>WASHINGTON, DC, Jan 23, 1999--FCC engineering and legal staff conducted
>unannounced Amateur Radio station inspections January 21 and 22 in North
>and South Carolina, reports FCC amateur enforcement honcho Riley
>Hollingsworth, K4ZDH.
>"Commission personnel inspected the stations of John A. Abernethy,
>K40KA, an Extra Class licensee in Hickory, North Carolina, and Richard
>Whiten, WB20TK, a General Class licensee in Easley, South Carolina,"
>Hollingsworth said.
>In both cases, FCC officials were accompanied by local law enforcement
>personnel. Hollingsworth said both amateurs cooperated with the

>inspections, which lasted approximately two hours apiece. "In both
>cases, we were monitoring until a few minutes before we went in," he
>said. Authorities also took photographs of the stations. "We did a
>pretty thorough inspection," Hollingsworth added.
>FCC officials said that both operators "were the subjects of many
>complaints about their operations on the 75 and 20 meter Amateur bands."
>The officials said the results of the inspections were "under review."
>They declined to comment on what they found at the stations, nor would
>they say what subsequent action might be taken.

>

73 de Scott/n3byy

Fists #5030

Date: Mon, 1 Feb 1999 07:51:12 -0500

From: Peter_Simpson@ne.3com.com

To: qrp-1@lehigh.edu

Subject: [31652] soldering coax connectors

Message-ID: <8525670B.004771C4.00@usboxmta.ne.3com.com>

Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

Silver-plated teflon is the only way to go!

I finally perfected my technique this year. I would add that there is some coax that is unsolderable, due to the low melting point of the foam dielectric, which then comes through the braid, making a gooey, unsolderable mess. I think it was older Tandy stuff. I threw it out.

Tinning the braid is the key. Go easy, just enough solder to stick the wires together. Too much means you won't be able to get it into the connector.

And make sure to screw those internal threads on the PL-259 onto the jacket of the coax. That makes a dandy strain relief/seal!

Now, can anyone help me figure out how to do a neat job on the RG-58 reducer? If I solder the braid to the reducer, it's too thick to thread into the plug. If I put the reducer/braid in without soldering, it all bunches up as I screw it in. Too little braid

and not much space between the reducer and the PL-259
seems to be the problem. I tend to bail out, and crimp
a BNC onto the RG-58, then use an adapter :-)

Oh, and when you're buying SO-239s? Make sure you buy
good ones. I have been replacing the cheap ones Heathkit
used because they no longer grip the center pin.

72, Peter, KA1AXY

Date: Mon, 1 Feb 1999 07:50:47 -0500
From: "curt" <curt@icubed.com>
To: <whowell@hq.nasa.gov>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31653] Re: FCC (fwd)
Message-ID: <002a01be4de1\$7e5606e0\$6d169dd0@curt>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

About time they cracked down on "Big Al", he has been
a it for over a decade! Tnx for info Scott.

73 Curt/K3ivb ex 75
meter op, now sane.

-----Original Message-----
From: Scott Howell <whowell@hq.nasa.gov>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, February 01, 1999 7:44 AM
Subject: FCC (fwd)

>looks like the FCC is on the war path. There's hope the bands will be
>getting a bit cleaner. Thought you all might find this of intrest.
>
>
>
>>FCC Comes A Callin' in Carolinas
>>WASHINGTON, DC, Jan 23, 1999--FCC engineering and legal staff conducted
>>unannounced Amateur Radio station inspections January 21 and 22 in North

>>and South Carolina, reports FCC amateur enforcement honcho Riley
>>Hollingsworth, K4ZDH.
>>"Commission personnel inspected the stations of John A. Abernethy,
>>K40KA, an Extra Class licensee in Hickory, North Carolina, and Richard
>>Whiten, WB20TK, a General Class licensee in Easley, South Carolina,"
>>Hollingsworth said.
>>In both cases, FCC officials were accompanied by local law enforcement
>>personnel. Hollingsworth said both amateurs cooperated with the
>>inspections, which lasted approximately two hours apiece. "In both
>>cases, we were monitoring until a few minutes before we went in," he
>>said. Authorities also took photographs of the stations. "We did a
>>pretty thorough inspection," Hollingsworth added.
>>FCC officials said that both operators "were the subjects of many
>>complaints about their operations on the 75 and 20 meter Amateur bands."
>>The officials said the results of the inspections were "under review."
>>They declined to comment on what they found at the stations, nor would
>>they say what subsequent action might be taken.
>>
>73 de Scott/n3byy
>Fists #5030
>

Date: Mon, 01 Feb 1999 07:56:16 -0600
From: "Brad Bradfield, PE" <b_bradfield@yahoo.com>
To: stephen@stevef.demon.co.uk, qrp-1@lehigh.edu
Subject: [31654] Re: Military Aerial disguised as tree on UK TV - any info?
Message-ID: <36B5B27F.9B4D24AD@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Stephen and the group- -

Don't know anything about a tree antenna, but many of us are familiar
with the infamous "water buffalo crap" intrusion detector and
transmitter. It was disguised to look like a giant pile of water
buffalo crap, and was deposited along the Ho Chi Minh Trail to monitor
movement. They showed up on the surplus market 25 years or so ago.
This is no _____, uh, joke.

Oh, well.

72's es 73's,

Brad, W5CGH

Date: Mon, 01 Feb 1999 08:49 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
To: David Adams <adamsclan@netgate.net>, QRP-L@lehigh.edu
Subject: [31655] Re: Smokey night on the NC20
Message-ID: <19990201135223.WNCE6156@localhost>

Dave,
I would think its unusual to actually smoke a transistor, although they short all the time.
I use my nose to tell about smoke.....pots have a smell, resistors have another, and caps smell really bad.
Sometimes I put my nose right on the board to locate the offending part. Small electrolytic caps can short without exploding....they just sort of push the rubber bottom off and vent their noxious stench (while shorting).

Its very rare to actually see smoke out of a transistor though... IC chips will blow their tops(and not smoke)....

Good luck!
Brett
N2DTS
.....

Date: Sun, 31 Jan 1999 23:43:58 -0800
From: David Adams <adamsclan@netgate.net>
Subject: Smokey night on the NC20
Sender: owner-qrp-l@Lehigh.EDU
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Reply-to: adamsclan@netgate.net
Message-id: <36B55B3E.FEF04848@netgate.net>

Well, I was trying to trace down a bug in the receiver of the NC20...I was a bit frustrated and should have walked away. Of course, you never do at that point. Anyway, I was probing around checking voltages. I found that q1 seemed think it was in trasmit mode (.38V, 3.5-4.4v, 3.8V). This didn't make sense, so I continued checking voltages to see if I could isolate any other trouble spots. I got to q8 when my probe slipped. Now, I was probing the other side of the board. Suddenly there was a big puff of smoke from the top side of the board, but of course by the time I flipped the rig, the smoke was gone. I slipped away from q7 and I doubt it was a cap or resi, so I will replace q8 in

the morning...bugger it all! Go figure...I still have to figure out the q1 sit though...

73 de dave, n9uxu

— —

David J Adams, N9UXU adamsclan@netgate.net
Amateur Radio, Flow Cytometry, Digital Photography and Parrot enthusiast
<http://u1.netgate.net/~adamsclan>

Date: Mon, 01 Feb 1999 08:20:34 -0600
From: Chuck Carpenter <w5usj@unicomp.net>
To: qrp-l@Lehigh.EDU
Subject: [31656] WTB RG-174
Message-ID: <3.0.1.32.19990201082034.00685fd8@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Folks,

Looking for a source for short lengths (50ft) of RG-174.

Those I've found so far have 100 ft min -- don't need that much.

Thanks.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Mon, 1 Feb 1999 06:31:19 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [31657] 12 volt to 120 inverter
Message-ID: <19990201143119.22142.rocketmail@send105.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I went to WalMart yesterday and bought a 12 volt to 120 volt inverter. I needed it for my laptop so Denis and I can log our contacts during the various QRP contests. It was only \$40 for a 1 1/2 amp unit. Tried it out with my laptop and it worked really well. Now the next will be to see how much RF it puts out. With my luck it will be quite a lot. Then again it will be in another car from where we are. Any one else used one these?

Jeff

==

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 1 Feb 1999 09:48:34 -0500

From: "David Burniston" <davidgb@nortelnetworks.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [31658] Radio Works Carolina Windom

Message-ID: <915C65C50371D11187AD0000F881B9A40269C20A@bcarua62.ca.nortel.com>

MIME-Version: 1.0

Content-Type: text/plain

Hi,

Anyone have any experience with the Radio Works Carolina Windom 80 Special?

Looks like it may fit my lot and give me multi-band, but would like to know before spending about \$140 Canadian to get it here.

Thanks,

...Dave

VE3LFO

Date: Mon, 1 Feb 99 09:42:47 EST

From: jeverhar@cse.l-3com.com

To: w5usj@unicomp.net

Cc: qrp-1@lehigh.edu
Subject: [31659] Re: WTB RG-174
Message-ID: <9902011442.AA15022@train11.cse.l-3com.com>

Chuck try Dan's Small Parts. As I recall he will sell short lengths.

72/73,

Joe E., N2CX

You wrote:

>
> Hi Folks,
>
> Looking for a source for short lengths (50ft) of RG-174.
>
> Those I've found so far have 100 ft min -- don't need that much.
>
> Thanks.
>
> 72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306
>

Date: Mon, 1 Feb 1999 10:00:38 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_Nogaqrp_List (E-mail)" <nogaqrp@qth.net>, "klqrp_submit (E-mail)"
<klqrp@waterw.com>, "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [31660] North Georgia QRP Group Meeting on Feb 6th from 11AM to 2PM at
TechAmerica in Atlanta, GA
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3620042@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

The North Georgia QRP Group (NOGA) will be holding its' next meeting on Feb 6th, 1999 from 11AM to 2PM at the TechAmerica store on 5600 Buford Hwy, Doraville (N. Atlanta), GA store number is 770-936-7080.

The meeting will be in the TechAmerica training room with space for setup of show and tell items.

All visitors are welcome to this very informal gathering.

No agenda, No dues, No officers, just fun with fellow QRPers.

For more information about the NOGA QRP group and the meeting check out our

NOGA web page at:

<http://www.america.net/~w4qo/nogaqrp.html>

Please bring any items you want to show or demo. Hopefully one of the local K2 Beta builders will bring some of their stuff. If anyone as the Norcal20 kit please bring it for review.

For more specific info about NOGA email me.

Sam Billingsley AE4GX Atlanta, GA e-mail: sbillingsley@usaninc.com

Date: Mon, 1 Feb 1999 10:01:07 -0500 (EST)
From: Scott Cranston <cranston@zk3.dec.com>
To: burnley-ia@worldnet.att.net, qrp-1@Lehigh.EDU
Subject: [31661] xcircuit-2.0a7
Message-ID: <199902011501.KAA0000006869@alpha.zk3.dec.com>

xcircuit-2.0a7

Michal Choura (xchoura@fel.cvut.cz)
29 Jan 1999 01:10:33 +0100

Messages sorted by: [date] [thread] [subject] [author]
Next message: Ryan Weaver: "libPropList-0.8.3-1"
Previous message: djb@redhat.com: "Notice: Red Hat will be off the 'net!'"

Hi all,

I've uploaded to <ftp://incoming.redhat.com/libc6> the following files:

xcircuit-2.0a7-1.i386.rpm
xcircuit-2.0a7-1.src.rpm

Packages are build on RedHat 5.2 and are also available at
<ftp://luznice.felk.cvut.cz/pub/RedHat/>

Name : xcircuit Distribution: (none)
Version : 2.0a7 Vendor: (none)
Release : 1 Build Date: Thu Jan 28 02:48:57 1999
Install date: (not installed) Build Host: kain.mc.cz
Group : X11/Applications/Graphics Source RPM: xcircuit-2.0a7-1.src.rpm

Size : 575489 License: distributable
Packager : Michal Choura <xchoura@fel.cvut.cz>

URL : <http://bach.ece.jhu.edu:80/~tim/programs/xcircuit/>

Summary : An X11 drawing program (especially for circuit schematics)

Description :

The program xcircuit is a generic drawing program tailored especially for making publication-quality renderings of circuit diagrams (hence the name). The output is pure PostScript, and the graphical interface attempts to maintain as much consistency as possible between the X11 window rendering and the final printer output.

(mc)

--

Michal Choura mailto:xchoura@fel.cvut.cz
 <http://cs.felk.cvut.cz/~xchoura/>
 PGP: send mail with subject SEND ME PGP KEY

Date: Mon, 01 Feb 1999 07:12:55 PST
From: "Christopher Brewster" <brewsq@excite.com>
To: qrp-1@Lehigh.EDU
Subject: [31662] mail list vs. newsgroup
Message-ID: <917881975.19536.840@excite.com>
MIME-Version: 1.0
Content-Type: text/plain

Brett Gazdzinski wrote:

> Well, I've been on the list 2 days now....what a busy list!
> I may not be able to stay on a list with this much volume....but
> I will give it a try.

I don't want to complain, but this would be *much* easier for me if it were a newsgroup on Usenet. I have to use a Web-based mail service, and I have an address dedicated for this list. Even so my home computer can't load the mail page with a full day's postings without hitting its memory limit (which it doesn't handle gracefully). My work connection can handle the memory problem but each transition from inbox to message and back is a big delay.

My solution: I have a series of numbered "save" boxes, into which I save about 10 messages apiece, based on subject lines I want to read. Then at home I access the web page before the inbox fills up again and look at each of the numbered "save" boxes. So you can see I'm dedicated :-)) but I'd

rather just use a newsgroup. That's why they were invented.

Christopher Brewster, KC0EVQ
brewsq@excite.com 612/475-0477
Plymouth, Minnesota

Get your free, private email at <http://mail.excite.com/>

Date: Mon, 1 Feb 1999 09:17:18 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <walter@inlink.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [31663] RE: Help drilling glass
Message-ID: <000401be4df5\$f5e93420\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rule 1 - Wear a safety MASK.

If it's tempered glass don't drill it. It may explode into zillions of tiny pieces. Tempered glass requires a special technique and equipment to drill. Otherwise buy a bit that is specifically made for drilling glass. Use a drill press, DON'T attempt to drill glass that thick with a hand drill.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Walter Dufrain
> Sent: Saturday, January 30, 1999 8:31 PM
> To: Low Power Amateur Radio Discussion
> Subject: Help drilling glass
>
>
> Hi QRP'ers, if someone would please give me some helpful advice for
> drilling 3/16+/- holes in a round piece of glass, it is
> round at 4 inches

> diameter and 1 inch thick. I do have a new 3/16 glass/tile
> drill bit, but
> any help would be much appreciated. Only have 4 holes to drill, wheew!
>
> This is going to be a base for a set of key paddles.
>
> Thanks in advance for your help,
> 72 / 73 Walter Dufraim, AG5P Wright City, Missouri
>

Date: Mon, 1 Feb 1999 09:22:12 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [31664] (Fwd) mail list vs. newsgroup
Message-ID: <199902011528.JAA10050@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I had the same problem until I explored the mail filtering function on my email program. If I see a message with a subject I am not interested in, I add this subject to the mail filter file and all messages with the same subject goes directly to the bit bucket. I also do the same with addresses of people who repeatedly send unwanted messages. It is very easy to cut the QRP-L volume in half at the receiving end without losing much (if anything) of value.
73 Bryan W8LN

Brett Gazdzinski wrote:

> Well, I've been on the list 2 days now....what a busy list!
> I may not be able to stay on a list with this much volume....but
> I will give it a try.

Date: Mon, 01 Feb 1999 07:23:56 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [31665] First QSO on a K2 Version XC
Message-ID: <36B5C70C.3687D25F@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

List folk,

I had my first QSO last night on my new K2 Version XC. It worked great, as advertised. Boy are you guys going to love this rig when you have it finished. It has all the features of a commercial rig plus some.

You guys already know that.

I went over to elecraft last night to pick up the missing inductor. While there, Eric got a phone call. Actually it was a 2.4Ghz spread spectrum QRPp contact with Wayne (new portable QRP phone). I was waiting around and decided to play on his K2 while waiting. There he was TM1C, France. What the heck, I sent out my call and he came right back. Eric came over and looked at me. "What are you doing, the beam is pointed 90 degrees off" I replied "whatever works!"

My first QSO on my very own K2 was with WA6HHQ, Eric. If it doesn't sounds familiar, it should. We worked on 40, 20, and 15 just to try out a few bands. The rig worked flawlessly. Listening to my own signal on 440MHz was pretty cool too.

My building times, just to give you guys an idea were as follows.

Control Board	3:00
Front Panel	3:15
RF Board Pt II	7:30
Alignment	0:30
RF Board Pt III	4:00
Alignment	0:30
Toroids	1:45
Final Assembly	0:30
Total	----- 21:00 Hours

I will be getting reacquainted with my family tomorrow.

I think all and all there were very few problems. Eric and Wayne are to be commended for their great effort and the job excellently done.

A big thanks to Lerma and Wayne's XYL (Sorry I don't her name) for letting the guy's put in the time.

A big thanks to Eric and Wayne for a great rig. What more could we ask for? Where is the next accessory ;-)

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Mon, 01 Feb 1999 10:28 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
To: QRP-L@lehigh.edu
Subject: [31666] I com 735 trade/sale?
Message-ID: <19990201153042.XAZS6156@localHost>

Hello all QRP lovers!

Anybody interested in a trade of an Icom 735 with the big power supply, desk mike and hand mike, for a K2 kit, or enough money to buy one.

I like the Icom 735 as it has a nice receiver for AM(general coverage) and the pass band tuning works on AM also, and mine has the general coverage TX mod done to it(I use it as a sig generator sometimes).

I don't know what these things are worth, but I figure I could use the K2 to drive the big rigs....thats all I ever use the icom for....about 5 watts of drive.

The rig is in very good shape, as all its ever done is sit on top of the antenna tuner.

It has AM, SSB and FM modes of operation.

It IS small, but heavy....and power hungry...100w TX....

If anyone is interested, and if it is worth it, I would like to get enough for a K2 with the ssb option(I don't know why, I never operate ssb, but might want/need too some time).

Does this seem fair?

Brett
N2DTS
South Jersey...

Date: Mon, 01 Feb 1999 10:31:48 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [31667] receivers

Message-ID: <3.0.5.32.19990201103148.00802180@mail.hq.nasa.gov>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

well have a question folks. I had a chance to grab an old Holicrafter rcvr, but limited funds after getting some expensive meds for the Xyl kinda killed that deal.

In any case I also thought this over a bit and here's what I wanted to do. I have an RS dx-392 in ment condition.

I really would like to get an rcvr that would allow monitoring of all the swl, Ham freqs, and yes mainly cw. I don't care the age, but something that has either lots of nice twisty knobs, direct key entry, or some features that would make it somewhat more friendly for a visually impaired person. I thought about the Tentec RX-320, but is a little more than I can aford at this point and its only real limitation I know of is you can only control it via the computer.

So, I have this DX392 and will trade or part cash/trade if anyone has something that would fit my needs.

I am only looking at this and will need a little time to put some extra funds together depending upon what your asking.

If you have anything and are intrested or have suggestions, please let me know.

tnx es 72/73 de Scott/n3byy

Date: Mon, 01 Feb 1999 15:33:56 +0000
From: Jim Price N3QYE <jimprice@ipass.net>
To: qrp-l@Lehigh.EDU
Subject: [31668] Another February QSO Party
Message-ID: <36B5C964.28BD22A1@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The NC QSO Party was not listed with the others in recent email posts to the reflector. It will be February 27-28. More info at <http://www.netpath.net/~n4mio/qsoparty.htm>.

72 Jim N3QYE, Raleigh

Date: Mon, 01 Feb 1999 10:37:49 -0500
From: Jim Lyons <lyons@canada.com>
To: qrp-l@lehigh.edu

Subject: [31669] K5FO's NC20
Message-ID: <3.0.5.32.19990201103749.007d8100@mail.globalserve.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:11 AM 01/02/99 -0500, you wrote:

>
>Gang,
>
>This is fun. Up through Section 14 now and everything is working
>just fine. No problems.

All I can say is wow! Wow! to the density of the board, wow! to the quality of the soldering and the photography.

I have some questions.

Should the lock washer be left out on the 10 turn pot to bring the pot forward? Or should we resign ourselves to mounting that resistor under the board?

How do you get all the resistors to stand proud of the board by the same amount? Do you insert a spacer when soldering? Is this an aesthetic consideration or does it facilitate testing/trouble shooting? IF you can get a TEST probe in there :-)

It seems like some IC's are socketed, others soldered in directly. What's your reasoning on this? I'm familiar with various pros and cons but would like to know your thinking for this kit.

Eagerly awaiting the next installment and my NC20 kit.

Jim Lyons, VE2KN
Montreal

Date: Mon, 01 Feb 1999 10:57:52 -0500
From: Russ Hines <radioruss@fuse.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31670] Re: Help drilling glass
Message-ID: <36B5CF00.454B45CE@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> > Hi QRP'ers, if someone would please give me some helpful advice for
> > drilling 3/16+/- holes in a round piece of glass, it is
> > round at 4 inches
> > diameter and 1 inch thick. I do have a new 3/16 glass/tile
> > drill bit, but
> > any help would be much appreciated. Only have 4 holes to drill, wheew!
> >
> > This is going to be a base for a set of key paddles.

I suggest you don't drill glass. Go purchase Plexiglass and drill on it.
Much safer.

73,
WB8ZCC

Date: Mon, 1 Feb 1999 11:02:51 EST
From: WQ1T@aol.com
To: qrp-1@lehigh.edu
Subject: [31671] Trade: HW-9 QRP Rig.
Message-ID: <73382e21.36b5d02b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I still have my Heathkit HW-9 QRP rog with the warc bands, in collectors
quality condition. I would like to swap it even for a QRO (100w) HF rig. I
have all the original manuals/paperwork too. Other trades concidered. Serious
Inquiries Only.

wq1t@qsl.net
or
wq1t@aol.com

73/72 de, Rick/WQ1T

Date: Mon, 1 Feb 1999 11:12:14 -0500
From: "Jeff Davis (N9AVG)" <jeff@jehosophat.com>
To: Christopher Brewster <brewsq@excite.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31672] Re: mail list vs. newsgroup
Message-ID: <19990201111214.C8856@jehosophat.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Quoting Christopher Brewster (brewsq@excite.com) [990201 07:12]:

>

> I don't want to complain, but this would be *much* easier for me if it were
> a newsgroup on Usenet. I have to use a Web-based mail service, and I have an
> address dedicated for this list. Even so my home computer can't load the
> mail page with a full day's postings without hitting its memory limit (which
> it doesn't handle gracefully). My work connection can handle the memory
> problem but each transition from inbox to message and back is a big delay.

perhaps you should unsubscribe and simply monitor the Web-based archive
of the list? They are broken down by day and posted within hours of
the actual email.

<http://listserv.Lehigh.EDU/lists/Archives/qrp-l/>

--

72 de Jeff, N9AVG
QRP-L 1640

Date: Mon, 1 Feb 1999 11:27:16 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: cebik@utkux.utcc.utk.edu
Cc: qrp-l@lehigh.edu
Subject: [31673] Re: signal generator update: LED vs. LCD
Message-ID: <199902011612.LAA13052@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>

> If the chips involved are AC pick-up sensitive--as I have been told in the

I don't understand this. I have my 9850 DDS VFO mounted in a Radio
Shack Utility box with a built in AC supply. The power transformer
is unshielded and only a few inches from the DDS board. I have no
trouble with AC pickup.

A properly designed and build unit should not have a problem with AC
pickup.

>

LEDs vs LCD's

I'll have to admit, the tiny 2 line by 8 character LCD I used on my

last DDS VFO design is a bit hard to read. However, as I was looking to have the smallest front panel foot print possible, it was really the only choice. I only wish there was a back lighted version available.

The main advantage to an LCD display is their ease of use, combined with the ability to spell out words. Low power consumption and their ready availability are also an asset. For some reason, they get a lot of extra money for a back lighted LCD module, but is most likely worth it, as it makes them a lot easier to read.

LED displays have to be built up from scratch. This means another circuit board and driver circuits. Probably also need a bank of LED lights for annunciators. Not a real big deal, but it does add to the overall complexity and cost of the unit.

Well, it sounds like I should get back to the PLL based sig gen I started working on, what, a year ago now. It looks like 400 KHz to 64 MHz in 1 KHz steps will be the easiest to do. I'm also planning on an optional analog sweep board and AD log detector, for sweeping filters and seeing the response on a scope.

Giving it a variable output is the biggest challenge. There's a reason commercial step or variable attenuators cost so much and their not easy to duplicate!

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Mon, 01 Feb 1999 11:09 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
To: Scott Howell <showell@hq.nasa.gov>, QRP-L@lehigh.edu
Subject: [31674] Re: receivers
Message-ID: <19990201161140.BEKB8311@localhost>

Scott,
I don't know what you are looking for in a receiver, but i have a national nc140 that I must fix first, but would sell for \$20.00 plus shipping. It has a shorted cap in some rf section that causes problems that I have to track down first.
Its in great shape otherwise.
I bought a manual for it, and will try to fix it soon.
I don't know if it would do you though, as the dial might be hard to read if you have vision problems....

I bought it, along with a regency SW receiver and some other stuff for \$45.00 in order to rescue it from a horrible fate(rusting away) with the intention of giving them away(don't let my wife know).

The regency receiver is quite odd....it has 3 tubes I think, covers am broadcast to 30 MHz, with bfo!
I doubt its usable for cw though, unless you really enjoy tough copy!

Visually, the equipment is in nice shape, the regency works as well as it ever did, the nc140 has the rf gain trouble.

Let me know if any of these things fits the bill for knob twisting.

Anyone on the list know of someone who would enjoy any of these pieces of equipment, let me know.

I want to give them to someone who would be interested in starting out in radio.

It would be VERY bad karma to take one and sell\keep it or make any profit!

But if you KNOW of someone who would be interested, I will give them up for the cost of shipping....

Also, if anyone has any old stuff that might spark interest, but needs repair, let me know and I will fix the old stuff for free, so you can give it away....I have a big junk box of older parts and small tubes. I also fix car radios for cost in parts and shipping for the Jaguar cars email list (Modern@jag-lovers.org).

Brett
N2DTS

.....

Date: Mon, 01 Feb 1999 10:31:48 -0500
Reply-To: whowell@hq.nasa.gov
Sender: owner-qrp-1@Lehigh.EDU
From: Scott Howell <whowell@hq.nasa.gov>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: receivers

well have a question folks. I had a chance to grab an old Holicrafter rcvr, but limited funds after getting some expensive meds for the Xyl kinda killed that deal.

In any case I also thought this over a bit and here's what I wanted to do.

I have an RS dx-392 in ment condition.

I really would like to get an rcvr that would allow monitoring of all the swl, Ham freqs, and yes mainly cw. I don't care the age, but something that has either lots of nice twisty knobs, direct key entry, or some features that would make it somewhat more friendly for a visually impaired person. I thought about the Tentec RX-320, but is a little more than I can aford at this point and its only real limitation I know of is you can only control it via the computer.

So, I have this DX392 and will trade or part cash/trade if anyone has something that would fit my needs.

I am only looking at this and will need a little time to put some extra funds together depending upon what your asking.

If you have anything and are intrested or have suggestions, please let me know.

tnx es 72/73 de Scott/n3byy

Date: Mon, 1 Feb 1999 08:32:26 -0800
From: "Frank West" <ke6vhm@earthlink.net>
To: <davidgb@nortelnetworks.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31675] Re: Radio Works Carolina Windom
Message-ID: <002a01be4e00\$8b179e60\$1604b2d1@frank-west>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wait Wait - a Carolina Windom is a very easily Homebrewed antenna - and for a lot less that \$140 dollars you could build your own and have enough money left to buy a rig or tuner. Get out the handbook or antenna compendium or search the internet for proper measurements and buy some wire. If anybody out there has the meaasurements handy please post them for our friend here. If you cant find them let me know and I will put out a search.
72 de Frank

>before spending about \$140 Canadian to get it here.

THIS MAKES ME CRINGE

Date: Mon, 1 Feb 1999 11:56:02 -0500
From: "David Burniston" <davidgb@nortelnetworks.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31676] RE: Radio Works Carolina Windom
Message-ID: <915C65C50371D11187AD0000F881B9A4026A5C0E@bcarua62.ca.nortel.com>
MIME-Version: 1.0
Content-Type: text/plain

Thanks to all the folks that responded. Most of you suggested homebrewing one instead of buying it.

I'd love to, but I don't have any information on it.

The thing I liked about the "80 Special" is it's only 66ft in length. They imply on the page that the balun is modified to work with the shorter length. I can't put up the full length version.

Where can I find information about the design of this antenna?

...Dave
VE3LFO

Date: Mon, 01 Feb 1999 12:09 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
To: Bruce Muscolino <w6toy@erols.com>, QRP-L@lehigh.edu
Subject: [31677] Re: I com 735 trade/sale?
Message-ID: <19990201171212.XTKF6156@localhost>

Bruce,
I know....the icom is a nice rig, but I don't use it other than as a driver. I have lots of other older receivers and transmitters, and my pair of 813,s will amplify ssb to the kw level with a few watts of drive. The receiver is nice for ssb and cw, but the K2 will handle that also. As an AM receiver, the 735 is poor fidelity compared to the other nice receivers I have.
I like the idea of being able to modify and play with the K2...I don't dare do much to the icom.
I would much rather have a kwm 2 or even a heathkit hw101 than the ic735 for ssb.

The radio is just no fun for me unless I can mess with the insides!
I like tubes also.
I do like a digital readout with a stable vfo as a driver though.
With the K2, I get to qrp, I get a stable digital vfo(I hope)
and a nice cw and ssb rig.

And, I get to mess with it!
I don't usually enjoy operating the stuff as much as I like improving

it....

I did used to like cw quite a bit though.

I used to be able to find time in the weekends for AM operation, but thats tough any more, and I cant run that gear at nite, what with the interference it generates in the house and neighborhood. (High power AM is in a class by itself, and I've seen it coming out of pots and pans!)

QRP cw is just the ticket though....

I thought the K2 was available though(6 weeks?)....

I would still like to trade the ic735 for a K2....or a kwm2 maybe...

Brett

N2DTS

Date: Mon, 1 Feb 1999 10:15:19 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [31678] Re: NC20 Status de K5F0
Message-ID: <199902011715.KAA02366@usr05.primenet.com>

Chuck (K5F0), soon to be AZ QRPer, wrote:

>

> Was it Gary in AZ or whoever that commented the other day
> about MODE B?

I cannot let a fellow ScQRPion take the wrap -
'Twas this troublesome AZ critter. :)

> MODE B was not my problem at Pacificon, it was MODE A.
> MODE B I can do. :-)

As long as you don't try sending Mode B with a
Mode A keyer, that is. *8-)

Let us know when you get your NC20 on the air!
I'm looking forward to hear one of you tell us
about the first NC20-to-K2 QS0. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

FYBO Winter QRP Field Day - Feb 6th - See <www.extremezone.com/~ki7mn>

Date: Mon, 1 Feb 1999 09:31:27 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [31679] NorCal 20 Missing Parts Shipped
Message-ID: <01be4e08\$b2a33d60\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The following people had missing parts and they were shipped Friday:

Ed Lappi
Jeff Gold
Al Gritchsmacher
Dave Maliniak

The following had their missing parts shipped today. (They are all packaged and I will take to the postoffice today.)

Walt Thomas
John Scott
Sid Miller
Don Branflick
Brad Hyde
Terry Myers
David Yarnes
Mike Carr

The most popular item to be missing seems to be one of three items.

1. The switches. They should be packaged in the bag with the knobs.
2. The Pin Diodes, the 3404's. They look like a varactor diode or a transistor with 2 leads and are in the transistor-diode bag.
3. The 6.2K resistor. The parts list specs a 5% but I ordered a 1% by mistake. The 6.2K resistor has a blue body and the following markings:blue body, banded as blue-red-black-brown-brown. If you have a left over resistor with a blue body, measure it to see if it is the elusive 6.2K.

We will replace any missing part and regret the inconvenience. But we do

ask that you inventory your kit when you get it, as we will not gurantee that we have the replacement parts after March 1. If we have it, we will replace it after that time. Thanks, Doug, KI6DS.

Date: Mon, 01 Feb 1999 11:27:55 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [31680] QRP ARCI 1000 mile per watt club
Message-ID: <36B5E41B.2BA0@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just recieved my 1000 mile per watt certificate from ARCI awards manager Steve Slavsky N4EUK! For my QSO with KL2A/7 in Seattle, WA. We were able to QSO with my 1 mW. Thanks Steve, and ARCI

PS- With all the good band condx we should be seeing some 1,000,000 mile per watt awards from ARCI soon, sounds good to me.

Date: Mon, 1 Feb 1999 10:22:14 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [31681] NC20 tips; K2 praise.
Message-ID: <19990201.104149.-4120491.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck wrote:

>Was it Gary in AZ or whoever that commented the other day
>about MODE B? MODE B was not my problem at Pacificon,
>it was MODE A. MODE B I can do. :-)

Nope. Not me.

Nice pictures of the NC20 work in progress on Chuck's home page. Have a look if you haven't already. <http://www.ticnet.com/k5fo>

RE: The NC20 location and mounting of the tuning pot:

I noticed on my prototype, that it is critical to get the pot to mount flush with the edge of the PCB, since it helps hold the front panel in place. Be sure to have the front panel square to the PCB before mounting and soldering the lugs of the 10 turn pot (or the single turn pot, and the volume and RIT pot for that matter).

I mounted the volume and RIT pots first, since they will "give" a little, and you can get their lugs to shift a little in the PCB when you re-heat them, if necessary. Try to get the front panel exactly at a right angle to the PCB before doing the final soldering on all the pots. You may or may not need to use washers behind the front panel for the tuning pot, 1-turn ~~or~~ 10-turn, to get it flush with the panel and PCB edge. I have only seen the prototype I built so far, so I am not certain about what hardware is included in the final kits, and some of you may have different brands of pots, too.

In fact, you can and should use this method on the rear panel as well, since it also needs to be flush and square to the PCB. Mount only one or two connectors on the rear of the PCB to begin with, then examine the rear panel squareness to the PCB. You can apply a little pressure to the panel and/or PCB when only one or two connectors are fitted to them, and then use your soldering iron to re-heat the solder joints in order to allow the panel-to-PCB mounting come out just right.

Pardon me if this has been well covered in the final manual - I haven't looked at it yet. Just use care, and take your time to get the connectors, controls, etc., all square and flush on the front and back panels. The result will be a perfect fitting case and sturdy mounting of all the attachment points.

On the K2:

I have spent a lot of time reading the manual placed on Elecraft's web page over the weekend. I must say it is most impressive, and Eric and Wayne deserve a huge amount of praise for all the excellent documentation and detail they have put into the K2. That kind of work speaks for itself. To their credit, they did not hesitate to allow us all to inspect the rig, inside and out. A new standard has been set in ham radio by Elecraft, and the amount of work spent on this project must have been just incredible. We all owe these fellows a great deal of respect and credit for what they have accomplished.

No, I'm not on the evaluation list for the K2. But after what I've seen on the web page, I'm certainly saving up to get one of my own! Download

the full manual and drool for yourself! ;-) <http://www.elecrafter.com>

There are many ingenious engineering ideas in this rig, and you'll see them when you look over the schematic and read the theory of operation. The design seems to strike a balance between cost, complexity and function, while at the same time creating a fresh new piece of equipment that isn't made by any of the commercial companies. You could say the K2 was "made to order" for QRP-L members, but there will certainly be much demand for this rig by the rest of the ham community.

This is ham radio at its finest, and I wish Eric and Wayne great success with their products, current and future. Great job, guys! :-)

72 to all.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 01 Feb 1999 10:48:40 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-l@Lehigh.EDU
Subject: [31682] Re: Help drilling glass
Message-ID: <36B5E8F8.B1166C18@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have done this many times. You will be surprised how easy it is. You will need access to a drill press. Your tool is a piece of brass or steel tubing with an outside diameter close to the desired hole size. I am not sure that the wall thickness on tubing available from model airplane hobby shops is great enough, but give it a try. You will also need an abrasive filled silicon grease mix such as is made by Clover and available from most industrial supply stores. 600 grit will probably do the job. Try McMaster-Carr if you can't find it locally. Place the tube in the drill chuck, apply paste to it, and hand feed it with light to moderate pressure. Let the abrasive do the work, not the tool. Add more paste, occasionally. It takes a bit of time depending on your glass thickness, but, if you are careful and patient, it will make a clean, chip-free hole. Regular (green tinted) plate glass will drill much

more quickly than optical glasses or some tempered glasses--some of those are very hard.

Regards,

Bruce kk7zz

Kevin Muenzler WB5RUE wrote:

```
> Rule 1 - Wear a safety MASK.
>
> If it's tempered glass don't drill it. It may explode into
> zillions of tiny pieces. Tempered glass requires a special
> technique and equipment to drill. Otherwise buy a bit that
> is specifically made for drilling glass. Use a drill press,
> DON'T attempt to drill glass that thick with a hand drill.
>
> Kevin, WB5RUE
>
> > -----Original Message-----
> > From: owner-qrp-1@Lehigh.EDU
> > [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > Walter Dufrain
> > Sent: Saturday, January 30, 1999 8:31 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Help drilling glass
> >
> >
> > Hi QRP'ers, if someone would please give me some helpful advice for
> > drilling 3/16+/- holes in a round piece of glass, it is
> > round at 4 inches
> > diameter and 1 inch thick. I do have a new 3/16 glass/tile
> > drill bit, but
> > any help would be much appreciated. Only have 4 holes to drill, wheew!
> >
> > This is going to be a base for a set of key paddles.
> >
> > Thanks in advance for your help,
> > 72 / 73 Walter Dufrain, AG5P Wright City, Missouri
> >
```

Date: Mon, 1 Feb 1999 12:55:03 -0500 (EST)
From: "Leonard J. Barish" <barish@kutztown.edu>

To: Eastern PA QRP Club <epaqrp-1@Lehigh.EDU>
Cc: QRP-L <qrp-1@Lehigh.EDU>
Subject: [31683] Re: Fw: 38 Special Fails Smoke Test
Message-ID: <Pine.GS0.3.96.990201123749.10681B-100000@pooh>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

No Joy in Mudville Tonight:

I thought I was successfull in modifying my 38 Special for 5 watts. I did the mods, looked at the output on a scope and adjusted TC2 for the cleanest signal I could see on my scope (not very bright an image and hard to get the scope to lock on it). Yes, I did terminate to a 50 ohm dummy load but didn't measure output power.

I keyed it at least a couple dozen times with no problem and assumming success I moved on to the Tick Mod.

When completed, I fired up the rig (tick seemed to be working) and finally ran the signal through a swr/power meter before terminating into a dummy load. To my surprise, the power meter did not budge. I keyed it in tune mode (not more than 3 seconds) and all of a sudden ZAP... Now no response other than big time noise. I can safely assume a short and should probably start looking at VR1 the 7808 voltage regulator first. I'm still new at troubleshooting and any suggestions would be greatly appreciated. Could the problem have been caused by the IRF 510 transistor. Can I check the IRF 510 and the 7808 with a DVM like I would do with a bipolar NPN or PNP?

Thanks for your thoughts

Len

```
*****
Len Barish  N2BSC                ITVA
Department of Telecommunications      ARRL
Kutztown University                DLARC
Kutztown, PA 19530                NORCAL
Phone (610) 683-4490              Norcal 40A
FAX   (610) 683-4659              NW 8020
*****
```

If the whole world is a stage, I want better lighting.

```
*****
```

Date: Mon, 01 Feb 1999 13:11:23 EST
From: Richard Rood <fcsww@juno.com>
To: davidgb@nortelnetworks.com
Cc: qrp-1@Lehigh.EDU
Subject: [31684] Re: Radio Works Carolina Windom
Message-ID: <19990201.131052.4839.1.fcsww@juno.com>

On Mon, 1 Feb 1999 11:56:02 -0500 "David Burniston"
<davidgb@nortelnetworks.com> writes:
>Thanks to all the folks that responded. Most of you suggested
>homebrewing
>one instead of buying it.
>
>I'd love to, but I don't have any information on it.
>
>The thing I liked about the "80 Special" is it's only 66ft in length.
>They
>imply on the page that the balun is modified to work with the shorter
>length. I can't put up the full length version.
>
>Where can I find information about the design of this antenna?
>
>...Dave
>VE3LFO
>

Dave, OM
I'm using the carolina windom 40
which is 66' and works pretty good.
It does not load too good on 80m.
I use a tuner to keep the swr low.
Performance on that band is not
impressive. Then again the
company does not advertise
it as an 80m antenna.

I have no connection with:

The Radio Works
orders: 800 280 8327
Fax: 757 483 1873
Tech: 757 484 0140
email: jim@radioworks.com
website: <http://www.radioworks.com>

Just a more or less satisfied customer.

dick, w2scf, snj

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 1 Feb 1999 13:35:48 -0500
From: John Mckee <JMckee@RFMD.com>
To: "'QRP-L'" <qrp-l@lehigh.edu>
Subject: [31685] SW-xx+ audio output stage question
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-990201183548Z-169993@proxy1.rfmd.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone ever wired a stock SW-xx+ so that the left and right earphones of a Walkman style headphone are in series? I've seen references to doing this when using a CMOS opamp but wonder if it also helps with the output level of the NE5532.

Thanks,

John WB40FT

Date: Mon, 01 Feb 1999 10:42:45 -0800
From: Bill Jones <kd7s@psnw.com>
To: JMckee@RFMD.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31686] Re: SW-xx+ audio output stage question
Message-ID: <36B5F5A5.A0A52B52@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

John Mckee wrote:

>

> Has anyone ever wired a stock SW-xx+ so that the left and right

> earphones of a Walkman style headphone are in series? I've seen
> references to doing this when using a CMOS opamp but wonder if
> it also helps with the output level of the NE5532.

Yes, I have ... and yes, it does.

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Mon, 01 Feb 1999 18:49:41 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [31687] Free ICOM 706MK-II drawing for upgraded Hams.
Message-ID: <36B5F745.2DA2@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Friends, I just saw this on Icom's site and had to
share:
(Please visit for detail since I may have missed something.)

<http://www.icomamerica.com/amateur/706MKIIgiveaway.html>

Any person who has earned a U.S. or Canadian issued amateur
radio license upgrade of General class
or higher dated between 4/1/98 and 3/31/99 is eligible for the drawing.

Upgrading hams need to mail in a QSL card or a 3x5 card with
their name, address, and zip code, along
with a photocopy of their government issued license to:

ICOM America
Hear Comes the Sun Giveaway
2380 116th Ave NE
Bellevue, WA 98004

--

-Ed AR QRP Millennium QSO's=248/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 01 Feb 1999 12:54:16 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [31688] Want mW or QRP WAS ? - Contests for next weekend !
Message-ID: <36B5F858.3905@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

February 6-7th will be a big contest weekend. If you want mW, or QRP WAS this will be a great weekend.

New Hampshire QSO Party Feb. 6 00:00z - Feb. 7 24:00z
Maine QSO Party Feb. 6 00:00z - Feb. 7 24:00
Vermont QSO Party Feb. 6 00:00z - Feb. 7 24:00z
Delaware QSO Party (1) Feb. 6 17:00 - Feb. 7 05:00z
Delaware QSO Party (2) Feb. 7 13:00z - Feb. 8 01:00z
Minnesota QSO Party Feb. 6 18:00z - Feb. 7 06:00z

Now in a state QSO party you might try this little trick. Call one of the average sounding stations first, at 950mW. If you make the QSO, lower your power and move to another strong station from that state. Keep lowering your power as you work your way through the stronger and stronger stns. That gives you the lowest state power you can get.

Look for state QSO party Cw signals near these freqs. 1.810, 3.555, 3.695, 7.050, 7.110, 14.050, 21.050, 28.050, 28.150MHz.

Exchange is RST, and your state. One of them might want a serial number as well. Do a little listening and you'll figure that out. If you can, go ahead and slip in your power and blow there minds! hi

And dont forget the FYBO QRP contest Feb. 6 16:00z - Feb. 7 04:00z

A major contest later this month will be the NA Sprint on Feb. 14th 00:00z - 04:00z. Not sure how that will be for QRP or mW WAS but we're going to try!

I spotted a special event station in Feb. QST p. 92 thats interesting. We can try for the Rapid City, South Dakota stn, WODAK on Feb. 13 00:00z - Feb. 14 00:00z CW/ssb 80-10M.

I was told the "Geritol net" was a good one for WAS. I dont know much about that myself. Hopefully someone will come forward and fill us in

on some good nets for chasing WAS.

Here's some websites for contest information. Bookmark these for later.

<http://www.contesting.com/>

<http://www.sk3bg.se/contest/>

Click on Contest Calendars, look for February, etc.

Dont forget the Spartin Sprint Feb 2 02:00-04:00z!

Good luck chasing QRP/mW WAS! Jim KJ5TF AR QRP #2

Date: Mon, 01 Feb 1999 19:02:46 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-1@lehigh.edu
Subject: [31689] UTC Conversions
Message-ID: <E1070ZF-0005Qd-00@relay3.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to everyone who emailed direct with UTC/EST/PST conversions.

Seems that I will have to get the matchsticks under the eyelids and stock up on the Coffee for this one.

2am Tuesday Morning here is the start time!

Hope to work a few, but if you come across a station sending 'ZZZZZZ' I've probably fallen asleep over the rig. :o)

Cheers de Dave (G0DJA)

Date: Mon, 01 Feb 1999 13:06:25 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [31690] FREE logging program - (QRP/mW WAS)
Message-ID: <36B5FB31.56F8@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I saw this mentioned on p.92 of Feb. QST. Downloaded it last night, and started playing with it today.

I tried to enter .150w, but the program didnt list anything. So I just entered 150 and it listed that fine.

The program should be fine for chasing QRP or mW WAS. GL, Jim KJ5TF

ps - You want to download Amateur Contact Log 1.2

<http://members.aol.com/snkdavis/page1.html>

Date: Mon, 1 Feb 1999 11:26:55 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [31691] K5F0 Photos of NC20
Message-ID: <01be4e18\$d3b52bc0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, if you haven't taken a look at K5F0's pictures as he builds the NC20, you owe it to yourself to do so. Chuck is a master builder and does exquisite work. I got the feeling that I was watching a city being built as I saw the photos come up on the monitor. The electrolytics look like giant skyscrapers.

I will predict that Chuck will have a NC20 qso sometime today. Stay tuned.
72, Doug, KI6DS

Date: Mon, 01 Feb 1999 14:24:38 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: davidgb@nortelnetworks.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31692] Re: Radio Works Carolina Windom
Message-ID: <36B5FF76.5413@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

David,

Loren Windom's antenna has been written up in QST many times. It is seen in two versions, one using a single wire feed and a sorta windom using 300 ohm twin lead. I used a twin lead fed windom from 1956 to 1958 as a Novice and General in Ohio. It ran from the front of our house to the middle of the barn. I could really work anything I heard with it! I even worked California on 80 CW as a Novice!

The measurements that stick in my mind are a 135 (or 137) foot flat top broken into 95 and 42 foot sections and fed with twin lead. The dimensions are not a mystery. As I said in a private post, you ought to find them in any ARRL Handbook for the tube era.

I say build it. The \$145 price tag is almost more than my Novice station and antenna included. OBTW, I fed it thru a set of B&W coil baluns, No tuner, and it worked from a pi-net on all bands from 80 thru 10.

73

Date: Mon, 1 Feb 1999 13:36:30 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Cc: okcham@okcforum.org
Subject: [31693] MINIPROP: Solar flux, or sunspot number?
Message-ID: <199902011936.NAA07337@okcforum.org>
Content-Type: text

For my introduction to propagation prediction software, I've chosen MINIPROP. Before I get to the specific question, let me ask this... What do you guys think of MINIPROP? Is it good (for shareware, at least)? And, yes, I know it has just a plain ol' text user interface, but (believe it or not) I very much prefer those. That much, I know I like about it, already. Even beyond the fact that it runs just great on any old computer (even the ones so obsolete that you may not even have to pay any actual money to take one off someone's hands), I also just plain like that look and feel. So...anyhow... How good are the predictions from MINIPROP?

And more specifically... you can give MINIPROP either the current sunspot number, or the current solar flux. If you give it flux, it converts it internally into an equivalent sunspot number, according to a formula (in its documentation).

So... which is better to use? The sunspot number, or the solar flux?

Also, the program's documentation recommends using an average of the last few days' values when entering solar flux or sunspot numbers. Their reason for doing so sounds reasonable, so I'm sure it's the right thing to do. But how many days should I average?

Is there any other advice anyone would like to offer about how to use MINIPROP, or about other shareware or freeware propagation prediction programs to try?

If you want to download a copy of MINIPROP:
<ftp://www.ridgecrest.ca.us/pub/users/a/aggie/miniprop.zip>

--Jim WB5UDE Oklahoma City

Date: Mon, 1 Feb 1999 15:03:13 -0500 (EST)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: "Jeff Davis (N9AVG)" <jeff@jehosophat.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31694] Re: mail list vs. newsgroup
Message-ID: <Pine.LNX.3.96.990201143210.1763A-1000000@dragon.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Feb 1999, Jeff Davis (N9AVG) wrote:

> Quoting Christopher Brewster (brewsq@excite.com) [990201 07:12]:
> >
> > I don't want to complain, but this would be *much* easier for me if it were
> > a newsgroup on Usenet. I have to use a Web-based mail service, and I have an
> > address dedicated for this list. Even so my home computer can't load the
> > mail page with a full day's postings without hitting its memory limit (which
> > it doesn't handle gracefully). My work connection can handle the memory
> > problem but each transition from inbox to message and back is a big delay.
>
> perhaps you should unsubscribe and simply monitor the Web-based archive
> of the list? They are broken down by day and posted within hours of
> the actual email.
>
> <http://listserv.Lehigh.EDU/lists/Archives/qrp-l/>

My two pence on this:

I prefer a mailinglist to a Usenet newsgroup for several reasons. As it is, I've not had too much trouble with filtering (and that's with being on six separate mailinglists on this account, getting 120+ messages/day :)...

I worked, on one of my other "hats", for a goodly five years on volunteer basis just trying to keep Usenet usable. I have pretty much decided it's a losing battle, at least the way Usenet is set up now...I'll list the main reasons for this:

- 1) Pretty much, if you want a group with decent propogation, you have to go with a "big 8" newsgroup. This is a process that requires at least 100 people, 67 "yes" votes, two months of proposals and a month of actually voting for the thing, and NO end of frustration. And if one loses, well, you have to wait six months before it can be proposed again...and you can't do stuff like post ballots on qrp-l or the whole thing will be thrown out... :P

As for alt.*, forget it. Alt.* has been abused so much that news sites rarely (if ever) carry new alt.* groups unless they are specifically requested. This goes *double* for university/educational sites, which have (more often than not) shut off newgroups for alt.* altogether or have dropped the entire hierarchy (this is Bad for a ham radio group, especially ones trying to attract young new blood into the hobby).

- 2) Usenet is having really, really severe problems with spam and with outright denial of service attacks. There is literally so much spam that news admins issuing cancels and "NoCeM messages" (kind of like kill-files for spam that a news server can honor) cannot keep up on several groups; "cancel moratoriums" done to convince admins to go to NoCeMs have literally broken Usenet in several countries in past. The present estimate of spam-related traffic on Usenet is something like 60% of all messages (cancels, spams, NoCeMs, etc.); it has been as high as 80%. (This is even higher than binary erotica groups, which in less spamaceous days had the honour of being the highest bandwidth use on Usenet.)

Even worse, there are actual groups of...what I would best term as young juvenile-delinquents in training whom take an absurd pleasure in deliberately and maliciously wrecking groups for the sheer "fun" of it. At the very least, one might one day have the regular gang of trolls from rec.radio.* come waltzing in and starting the Eternal Flamewars on whether CW should be dropped entirely, etc. etc. (you think qrp-l is unreadable? Try rec.radio.amateur.policy sometime :P); at the very worst, you will have the newsgroup targeted by an organised group that will do anything and everything (including deliberate group flooding, revenge spams against regulars of the group *and any family

members online*, forged "rmgroup" (group removal) messages, and "Hipcrime supercedes attacks" (VERY nasty attacks where all the posts in a group are replaced, via forged "supercedes" messages, with random garbage; often they further forge the information in the header to implicate third parties, just like in the revenge spams).

It is literally so bad on Usenet right now that it is suggested to folks wanting to create new groups that the newsgroups be moderated. (I will note, however, that moderation of newsgroups will NOT protect you against Hipcrime supercedes attacks.)

- 3) Thanks in part to 1) and 2), and thanks in part to ISPs not letting their users know about the "house rules" of Usenet, the general content that is left on Usenet has gone straight down the toilet. Again, I invite folks to look at any of the unmoderated groups in rec.radio.* for examples of this (and yes, this includes the *swap groups*, even).

It doesn't help that there are an increasing number of ISPs that will not do much to users committing net.abuse, either. (At least one Usenet news provider--a fairly large seller of news-only accounts called Altopia--literally refuses to do anything about any misbehaviour of its users without a court order. Altopia has become a fairly large source of net.abuse, because the site also drops most identifying info from its headers that could be used in tracing. (The site does NOT bill itself as an anonymous posting service, btw.))

Pretty much because of these reasons, anyone who still wants to keep a usable forum has either gone to mailinglists or gone to more secure "alternatives" to Usenet like the net.* hierarchy. (The latter is, I think, a good picture of where Usenet will have to go to eliminate its major problems. For more info, see <http://www.usenet2.org>.)

Even email-Usenet links are largely dying; pretty much mail2news gateways no longer exist (thanks to spammers and flooders abusing them, as well as folks using them to get third parties mailbombed), mailinglists that have been relayed by bit.listserv.* are being shut down one by one due to both Usenet's own troubles and spammers using these lists as a source of "spammable" email addresses (the latest casualties--WX-CHASE, WX-TALK, and skywarn-1), and posting for non-subscribers in bit.listserv.* is pretty much a thing of the past.

Suffice it to say I like the list just fine. :)

-pb

Date: Mon, 1 Feb 1999 12:09:29 -0800 (PST)
From: David J Adams <adamsclan@netgate.net>
To: qrp-l@lehigh.edu
Subject: [31695] I'm mute
Message-ID: <199902012009.MAA00662@u1.netgate.net>

Well, as I mentionned last night, I'm troubleshooting my NC20. It all started when my AFA wouldn't announce. This is likely due to my VFO being low (@4.8MHz). However, once I brought up the VFO, the afa still wouldn't speak to me. The working assumption was that I fried it during previous attempts to fix it. However, when I finished the receiver, I found that I wasn't receiving. The audio side was okay though as the Tick was

performing admirably. Once again I began checking voltages (which is when I smoked something near Q8) and noticed q1 was in transmit mode. I had a few minutes this morning so I started following the circuit back and found that q21-q23 are also locked in transmit mode (u9, q19 and q20 are firmly in receive mode). So, my AFA may be announcing and my receiver may be receiving, but they are muting. I must find out why!

73 de dave, n9uxu

Date: Mon, 01 Feb 1999 15:26:38 -0500
From: "Hugo W. Catta" <hugo@banet.net>
To: ke6vhm@earthlink.net, David Burniston <davidgb@nortelnetworks.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31696] Re: Radio Works Carolina Windom
Message-ID: <36B60DFE.46C0E1AB@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

David:

When I called to find out what kind of wire, insulators, etc they use, I concluded based on my own experience with it, that the 14ga. stranded in that stretch with those heavy balun and choke will need maintenance after a couple of winters in NY, (and let me underscore New York before a new thread is born :)) if hung by the ends with no center (?) support.

What I recommend from them, is the 13ga. black jacketed copperclad (be sure you tin and cover all exposed bare wire, it's easy...), and their \$4.00 insulators if you decide to build it yourself. Or if you are a QRP only operator, go for a lighter wire and lighter duty baluns .

Again, the reason for the stronger wire is only mechanical and for the

insulators, just better dielectric material and longer than what they provide with their antenna.

And don't be intimidated by the "Dedicated Matching Transformers"...they are only a 4:1 balun and a HD choke, (if the latter really needed).

72, 73 de
Hugo
CX9AAK/W2

Frank West wrote:

> Wait Wait - a Carolina Windom is a very easily Homebrewed antenna - and for
> a lot less than \$140 dollars you could build your own and have enough money
> left to buy a rig or tuner. Get out the handbook or antenna compendium or
> search the internet for proper measurements and buy some wire. If anybody
> out there has the measurements handy please post them for our friend here.
> If you can't find them let me know and I will put out a search.
> 72 de Frank
>
> >before spending about \$140 Canadian to get it here.
>
> THIS MAKES ME CRINGE

Date: Mon, 1 Feb 1999 12:29:50 -0800
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>
To: <ki6ds@dpol.k12.ca.us>
Cc: "qrp-1" <qrp-1@lehigh.edu>
Subject: [31697] Re: K5FO Photos of NC20
Message-ID: <19990201202919.GUDX17947@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Doug, am wondering if the ARTWORK (schematic, etc) for the NC20 will ever get on the Norcal website. I was one of those who never got around to ordering and then it was too late. But I would like to see the schematic and also to find out whether or not the place that made the circuit board will be making more of them for sale. Or perhaps FAR will be offering a version. I am presuming, of course, that Norcal may also be printing the schematic in an upcoming QRPP as it has with all the previous rig schematics. Congrats on a job well done, looking forward to working one from the other side! Best 72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA e-mail: w6rcl@amsat.org

<http://home.att.net/~alan.kaul/index.html> or
<http://home.att.net/~alan.kaul/qrp.html>

Date: Mon, 1 Feb 1999 13:29:58 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [31698] FYBO: Last-minute stuff
Message-ID: <199902012029.NAA09023@usr04.primenet.com>

Howdy Folks,

I'm going to be buried with FYBO prep this week,
so if you have *ANY* FYBO questions please ask
them early! I'll be offline by the end of the
week. When in doubt, operate. We can sort it all
out later. :-)

I'll repost the full rules today for those of
you who lack Web access, as well as a recap of
the Fabulous FYBO Prize List.

Remember, above all be SAFE and have FUN!
Everything else is gravy. :-) Don't forget to
take pictures! AZ ScQRPion Bob KI7MN will be
accepting FYBO photos to put on his website.
Show the world what you endured, whether it
be rabid ice weasels on a glacier or nibbling
lobsters on a warm beach. :)

Also, be sure to try the high bands. AZ ScQRPion
Grand Poohbah of FYBO Propagation, Kent AB7OA,
will be posting a full forecast this week.

Once again we ScQRPions would like to thank all
of you for your support! Hope to get you in the
log!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."
- Dave, Fellow Snow Camper

FYBO Winter QRP Field Day - Feb 6th - See <www.extremezone.com/~ki7mn>

Date: Mon, 1 Feb 1999 15:34:21 -0500
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: "QRP forum" <qrp-1@lehigh.edu>
Cc: "Mike Czuhajewski" <wa8mcq@erols.com>
Subject: [31699] Newsgroup vs mail reflector
Message-ID: <199902012057.PAA23495@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ah, deja vu.... This topic came up several years back; I believe it may have been during the time we were on netcom.com, having just left think.com when their host company (Thinking Machines) went into Chapter 11. As I recall, think.com had a daily digest function but netcom.com did not and we lost a lot of people over that. They couldn't handle the traffic load of a live list, and needed the daily digests to help them manage it. (Remember, this was in the days when we said "Wow! Forty posts a day! This is great!" Nowadays, it's more like "Thank God, there were only 40 posts today!")

Eventually someone contacted me and offered to let us use lehigh.edu, and I quickly pointed them to Chuck and the rest is history. At lehigh.edu, we once again had a daily digest and that helped us get back a lot of the people we had lost. But while we were at netcom.com, without it, the mail flew fast and long about various options and one of those was to make it a newsgroup instead of a mail reflector. One of the points against having a newsgroup is the unlimited access--anyone with a keyboard can get into it and post to it, and someone pointed out that would open us to the wolves. Let's face it, there are people out there with a hatred of QRP, and if we had open access, we could get a lot of harassment and heckling and downright hate mail from them and the QRP forum could degenerate like other newsgroups have. As a mail reflector, we can exercise some control over who is allowed to post, and to ban people when warranted.

As for the huge flow of traffic, I discovered the daily digest years ago and it's a lifesaver. A single (but huge) e-mail once a day with all the traffic from the last 24 hours bundled into it. Download, save to disk, read later offline at your convenience. Unfortunately, in my case, that usually turned out to be weeks later a lot of times :-). A really nice thing about the daily digest is that it contains an indexed table of contents at the top--you can scan that and page down to the postings that interest you and ignore the rest. You do have the drawback of not getting it live, which can lock you out of some of the for-sale offers--by the time you read it, it's long gone.

I knew of the existence of the html archives for quite some time, but only started using it a few months ago--and now I'm not going back to the daily digests! It's the greatest thing since sliced bread; covers about the last 3 days of traffic, all on one listing, and best of all, it's hyperlinked. You don't have to page down to the ones of interest--just click on the entry in the table of contents and it jumps you down to that posting. Hit the <back> button to return to the ToC and keep going.

Date: Mon, 1 Feb 1999 13:46:29 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [31700] FYBO: Calling CQ
Message-ID: <199902012046.NAA10610@usr04.primenet.com>

Howdy again Folks,

Just got asked how one should call CQ for the
FYBO Winter QRP Field Day.

You can either use the "formal" approach:

CQ FYBO CQ FYBO ...

Or use the "generic" approach (my personal favorite):

CQ TEST CQ QRP TEST ...

Nice thing about the generic approach is that it
works for every QRP contest there ever was or ever
will be. :-)

Don't just call "CQ TEST" by itself or you're going
to get answers from any of the half a dozen contests
this weekend, and spend 20 minutes explaining to the
other guy *why* you need to know the temp inside his
house. ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

FYBO Winter QRP Field Day - Feb 6th - See <www.extremezone.com/~ki7mn>

Date: Mon, 01 Feb 1999 15:08:08 -0600
From: Bob Liesenfeld <wb0poq@visi.com>
To: qrp-1@Lehigh.EDU
Subject: [31701] Re: 12 volt to 120 inverter
Message-ID: <36B617B8.3501312C@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff wrote:

>

> I went to WalMart yesterday and bought a 12 volt to 120 volt inverter.

I would be *very* interested to hear what the waveform looks like coming out of this thing. Do you have a scope you can look at it with?

--

Genuine E-mail From the Land of the Everlasting Icicle...
Bob Liesenfeld
wb0poq@visi.com

Date: Mon, 1 Feb 1999 13:12:17 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp-qrp@lehigh.edu
Subject: [31702] Re: MINIPROP: Solar flux, or sunspot number?
Message-ID: <19990201211217.12170.rocketmail@send1e.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

---Jim Glover <psykey@okcforum.org> wrote:

> What do you guys think of MINIPROP? Is it
> good (for shareware, at least)?

Pretty good. I use it when I need it. Guess that makes sense. 8-)

>How good are the predictions from MINIPROP?

Well I wanted to work Israel (4X) for a while. So I plugged in solar flux, the call sign and it gave me a prediction. It showed that around 8pm in the evening on 20 meters a short path should be open to Israel.

I got on near that time and lo and behold I heard a Israel station calling CQ and returned his call and bagged him for a new one!

>
> And more specifically... you can give MINIPROP either > > the current sunspot number, or the current solar flux. >So... which is better to use? The sunspot number, or the
> solar flux?

Doesn't matter.

> Also, the program's documentation recommends using an average
> of the last few days' values when entering solar flux or
> sunspot numbers. Their reason for doing so sounds reasonable,
> so I'm sure it's the right thing to do. But how many days
> should I average?

3 or less should be fine.

73!

Jeff

==

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 1 Feb 1999 13:32:09 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [31703] Re: 12 volt to 120 inverter
Message-ID: <19990201213209.29975.rocketmail@send103.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--Bob Liesenfeld <wb0poq@visi.com> wrote:

> > Jeff wrote:
> >
> > I went to WalMart yesterday and bought a 12 volt to 120 volt
inverter.
>
> I would be *very* interested to hear what the waveform looks like
comming out
> of this thing. Do you have a scope you can look at it with?

Well it says it has a "Modified Sine Wave" which probably means a
square wave with the edges kinda rounded off.

I bought this with the intention of running my laptop and MFJ DSP
noise filter off it. When I saw the mention of modified sine wave I
kinda assumed that it wouldn't be of much use for HF gear.
Modified sine wave powering a direct conversion receiver?
Sounds kinda scary doesn't it? 8-)

Still for \$40 if you could run a 1 cup coffee maker or your laptop
it's not bad.

73!

Jeff

==

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 1 Feb 1999 12:28:49 -0900
From: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
To: qrp-l@lehigh.edu
Subject: [31704] Transistor Substitution URL's
Message-ID: <[v03007800b2da679b4909@\[208.151.121.108\]](mailto:v03007800b2da679b4909@[208.151.121.108])>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

First, thanks to all those that responded to my question regarding transistor substitution pages on the Web... The quick responses enabled me to get the AKQRP beacon back on the air in short order... You don't want to know how I managed to join the "Junction Buster Society" !!! Let's see, where did I put those polarized plugs ???

For your bookmarks, here are the URL's that folks passed along to me...

<http://nteinc.com/search.html>

<http://www.ecgproducts.com/>

<http://www.ecgproducts.com/ECGCrossReference/index.html>

<http://www.mitatechs.com/partsline.html>

If I missed sending a thank you to anyone individually please accept this as Thanks... Take care and have fun...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopkins/akqrp>
- 10 Meter Beacon: 28.2825 +/- KL7AQC / BCN

Date: Mon, 01 Feb 1999 21:31:31 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [31705] Noise Cancelling circuit.
Message-ID: <36B61D33.705B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi good friends,

I've been looking all around for this very simple noise cancelling network. The appliances around the house have worn my patience very thin and am thinking of experimenting

with some form of noise cancelling.

I searched and found one or two circuits on the web, but the one that lurked in the back of my mind, having seen it once before, could not be located once again.

Well, I found it. I have been reading the Lowfer 'Scrapbook' in my spare time and tuned in over the weekend. It is a fine general information book on Lowfer operating and regulation and included numerous building techniques etc...

Of pertinence here is the Noise cancelling network contained.

Three tuned circuits. Three identical value inductors, two 360 Pf and one 600 pF capacitors.

The antenna inputs are: Station Antenna, Noise antenna.
The output is to your RX.

All three tuned circuits are simple series tuned inductor and capacitor to ground. Basically the Station antenna and RX circuits are peaked on the incoming signal, then the Station antenna is disconnected and the NOISE antenna connected, and the Noise tuned circuit, with the 600 pF capacitor is peaked on the noise signal (I think). The values quoted here are for the LOWFER band below the AM BC band, so values will be smaller for higher bands.

In use, both antennas are connected and final tweaking is performed to create a 20 dB or better null on the noise or QRM signal.

All coupling is by proximity (Mutual coupling) of the inductors and it is suggested that the capacitors are at the grounded end of the tuned circuit instead for the inductors simply for mechanical stability.

Of course this is just for RX, and not for TX, but hopefully someone will find this information useful or report on their experience with similar HOMEBREW, Simple circuits that most can afford :)
....not them commercial jobs.... They cut into the penny jar where we are saving for a new rig...

--

-Ed AR QRP Millennium QSO's=248/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 01 Feb 1999 14:37:53 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31706] Re: mail list vs. newsgroup
Message-ID: <36B5BC41.29DE761F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Seems like we have this thread every year. The owners have said it will be a List, not a newsgroup. Please don't start a thread on this, because it's unproductive.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Mon, 1 Feb 1999 13:43:42 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <alan.kaul@worldnet.att.net>
Cc: "qrp-l" <qrp-l@lehigh.edu>
Subject: [31707] Re: K5FO Photos of NC20
Message-ID: <01be4e2b\$efe560e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Alan, the schematics for the NC20 will be in the Spring issue, (the next issue to be mailed is the Winter one, which Paul and I are working on right now.) Dave Fifield is in serious negotiations right now to make the NC20 a commercial product. I cannot comment on who as they are in the delicate stage now. I am 100% sure that the NC20 will be a commercial product though. Dave will make the announcement at the proper time. The manual as such will not be on the NorCal site, although it may be placed on a web site later on by the commercial venture.

I would also doubt that a pc board will be made available. The density is unbelievable for the board, and it takes a commercial quality house to do them. (And they had several boards fail the QC tests). The NC20 will become a commercial product, but Dave wants to wait for the results of the NorCal 20 run to see what changes and improvements will be made.

From: ALAN KAUL <alan.kaul@worldnet.att.net>

To: ki6ds@dpol.k12.ca.us <ki6ds@dpol.k12.ca.us>
Cc: qrp-1 <qrp-1@lehigh.edu>
Date: Monday, February 01, 1999 12:17 PM
Subject: Re: K5FO Photos of NC20

>Doug, am wondering if the ARTWORK (schematic, etc) for the NC20 will ever
>get on the Norcal website. I was one of those who never got around to
>ordering and then it was too late. But I would like to see the schematic
>.... and also to find out whether or not the place that made the circuit
>board will be making more of them for sale. Or perhaps FAR will be
>offering a version. I am presuming, of course, that Norcal may also be
>printing the schematic in an upcoming QRPP as it has with all the previous
>rig schematics. Congrats on a job well done, looking forward to working
>one from the other side! Best 72/73 de alan

>

>Alan Kaul, W6RCL, LaCanada, CA e-mail: w6rcl@amsat.org
><http://home.att.net/~alan.kaul/index.html> or
><http://home.att.net/~alan.kaul/qrp.html>

>

Date: Mon, 01 Feb 1999 16:40:23 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@lehigh.edu
Cc: cw@qth.net
Subject: [31708] RS DX-392 for sale
Message-ID: <3.0.5.32.19990201164023.007fa500@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

sure I don't have to explain much on this rcvr, but its an am/fm/swl rcvr
with bfo, memories, dual clocks, all manuals, optional ac adapter, and box.
If you want more info, just ask.
Asking \$100 shipped or best offer. Shipping includes insurance. The unit is
in ment condition.
Actually cause it sits in the bedroom for the baseball game during the
summer, that's all the use it has really gotten.
I just never moved it to the shack.

73 de Scott/n3bby
Fists #5030
Laurel MD

Date: Mon, 01 Feb 1999 14:45:46 -0700 (MST)
From: Gary Hembree <gary.hembree@asu.edu>
To: 3830@contesting.com, qrp-l@lehigh.edu
Subject: [31709] N7IR CQ 160 CW SO QRP
Message-ID: <3.0.32.19990201144610.00904640@imap4.asu.edu>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

CO 160 METER CONTEST -- 1999

Call: N7IR State: Arizona
Mode: CW Category: Single Operator ORP

	QSO	QSO PTS	ST/PROV	COUNTRIES		
Totals	268	611	46	6	=	31,772

All reports sent were 599 AZ, unless otherwise noted.

Equipment Description:

Ten Tec 546C running 5 watts out
486/120 running CT 9.10a
88 foot top-loaded, shunt-fed tower

Club Affiliation: Central Arizona DX Association

Soapbox:

Friday night was challenging, to say the least. Noise was at summer levels here from storms to the east somewhere. I did work a few stations east of the MS just after our local sundown and KH6DX/M in ND(/SD) before! On Sunday the band was more quiet but activity seemed to be less than last year and the ARRL 160 contest last month. The JA opening was very long and very loud on Sunday morning. Worked JH5FXP for my only real long haul DX of the contest. Great ears OM! 9M6NA was very loud just after local sunrise on Sunday, with the consequent monster pileup. See you in the ARRL DX CW.

73

Gary, N7IR
DM43bi (aka NW Chandler, AZ USA)

Date: Mon, 1 Feb 1999 15:55:48 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu, okcham@okcforum.org
Subject: [31710] NVIS propogation aid (web site)
Message-ID: <199902012155.PAA10197@okcforum.org>

Content-Type: text

The following URL may be useful for selecting an optimum frequency for NVIS operation:

<http://solar.uleth.ca/solar/www/fof2.html>

You get a map with a near real-time plot of the critical frequency. The critical frequency is the highest frequency which will be reflected by the ionosphere at a propagation angle of 90 degrees. For best NVIS propagation, choose the highest frequency you have available without exceeding the current critical frequency.

--Jim WB5UDE

Date: Mon, 1 Feb 1999 17:04:39 -0800
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [31711] Novelty QRPp Contest Winners!
Message-ID: <199902012206.RAA08167@fh106.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

The Novelty QRPp contest this year was a rousing success, judging from the activity recorded on the logs I received. There were 5 Club stations handing out multipliers, and many QRPers with ~5 watt rigs contributing to the fun and QSOs.

Thanks, everyone, for your participation.

Please note, there was some ambiguity in the rules. I received logs calculated two ways, so if you're score is different than what you submitted, it's because I refigured it. The intended score total was to be determined by figuring the score for each night individually, then adding the two best nightly scores. Some grouped their best two nights together, then calculated the score. It makes a difference, and I will clarify this next year. Also, with so many Clubs participating we should perhaps have a Club Contest category next year....

This years first place winners should contact me, and I will tell them how to collect their prizes. Second and third place winners will

receive certificates.

PLACE	WINNERS	POINTS
-------	---------	--------

Pixie Category:

1st	WB4VFN, Richard McKinney	406
2cnd	WE6W, Ed Loranger	304
3rd	KF2PH, Nick Franco	291

40-9er Category:

1st	KJ5TF, Jim Hale	938
2cnd	WJ4P, Randy Hargenrader	334
3rd	N9JXY, Denny Payton	144

Other QRP rig Category:

1st	N4ROA, Dan Wolfe	1034
2cnd	W5VB0, Brian Kassel	973
3rd	W3KC, Charles Kadesch	536

Congratulations to the Winners!

CUL,

Bob Kellogg, AE4IC

Prolably, but not Nececelery, Benny Hill

Date: Mon, 01 Feb 1999 17:38:31 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: kj5tf@madisoncounty.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31712] Re: Want mW or QRP WAS ? - Contests for next weekend !
Message-ID: <36B62CE6.822F40D9@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The "GERATOL NET" (with an "A") is a WAS net that meets during the winter on 3.768 starting at 0200 UTC. Extra Class only. No CW allowed. Many have worked WAS QRP on that net. Not sure about QRPP. Many good ears and FB group.

Tom, N1TP, Naples, FL.

Jim wrote:

> February 6-7th will be a big contest weekend. If you want mW, or QRP WAS
> this will be a great weekend.
>
> New Hampshire QSO Party Feb. 6 00:00z - Feb. 7 24:00z
> Maine QSO Party Feb. 6 00:00z - Feb. 7 24:00
> Vermont QSO Party Feb. 6 00:00z - Feb. 7 24:00z
> Delaware QSO Party (1) Feb. 6 17:00 - Feb. 7 05:00z
> Delaware QSO Party (2) Feb. 7 13:00z - Feb. 8 01:00z
> Minnesota QSO Party Feb. 6 18:00z - Feb. 7 06:00z
>
> Now in a state QSO party you might try this little trick. Call one of
> the average sounding stations first, at 950mW. If you make the QSO,
> lower your power and move to another strong station from that state.
> Keep lowering your power as you work your way through the stronger and
> stronger stns. That gives you the lowest state power you can get.
>
> Look for state QSO party Cw signals near these freqs. 1.810, 3.555,
> 3.695, 7.050, 7.110, 14.050, 21.050, 28.050, 28.150MHz.
>
> Exchange is RST, and your state. One of them might want a serial number
> as well. Do a little listening and you'll figure that out.
> If you can, go ahead and slip in your power and blow there minds! hi
>
> And dont forget the FYBO QRP contest Feb. 6 16:00z - Feb. 7 04:00z
>
> A major contest later this month will be the NA Sprint on Feb. 14th
> 00:00z - 04:00z. Not sure how that will be for QRP or mW WAS but we're
> going to try!
>
> I spotted a special event station in Feb. QST p. 92 thats interesting. We
> can try for the Rapid City, South Dakota stn, W0DAK on Feb. 13 00:00z -
> Feb. 14 00:00z CW/ssb 80-10M.
>
> I was told the "Geritol net" was a good one for WAS. I dont know much
> about that myself. Hopefully someone will come forward and fill us in
> on some good nets for chasing WAS.
>
> Here's some websites for contest information. Bookmark these for later.
>
> <http://www.contesting.com/>
>
> <http://www.sk3bg.se/contest/>
>
> Click on Contest Calendars, look for February, etc.
>
> Dont forget the Spartin Sprint Feb 2 02:00-04:00z!

>
> Good luck chasing QRP/mW WAS! Jim KJ5TF AR QRP #2

Date: Mon, 01 Feb 1999 14:58:22 -0800
From: Jim Lowman <jmlowman@ix.netcom.com>
To: brewsq@excite.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31713] Re: mail list vs. newsgroup
Message-ID: <36B6318E.5DC9C70@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Christopher Brewster wrote:

> I don't want to complain, but this would be *much* easier for me if it were
> a newsgroup on Usenet. I have to use a Web-based mail service, and I have an
> address dedicated for this list. Even so my home computer can't load the
> mail page with a full day's postings without hitting its memory limit (which
> it doesn't handle gracefully). My work connection can handle the memory
> problem but each transition from inbox to message and back is a big delay.

Paula said it all, with respect to the problems on Usenet. Except for a few
one-way newsgroups (those that will not accept posts from the general
public)
that serve as an information resource, such as rec.radio.info, I gave up
on
reading newsgroups a couple of years ago. The rec.radio.amateur.*
hierarchy
not only was filled with spam, but the code/no-code issue was
everywhere, even
though there was a newsgroup formed specifically for discussion of that
topic.

And, as Paula pointed out, forming a newsgroup is a hassle. When a few
of us
were trying to start a new newsgroup for the discussion of boatanchor
radios,
we were getting all sorts of negativity about the proposed newsgroup
name
(rec.radio.amateur.boatanchors) and that issue surely cost us a few "no"
votes.
Fortunately, there were enough "yes" votes to pass. Usenet probably was

a
viable resource before everyone and his brother got on the Internet, but
it will
have to change *a lot* to survive, IMNSHO.

73 de Jim - AD6CW

Date: Mon, 1 Feb 1999 15:40:36 -0800
From: "Frank West" <ke6vhm@earthlink.net>
To: <davidgb@nortelnetworks.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [31714] Re: Radio Works Carolina Windom
Message-ID: <00b601be4e3c\$47705120\$1004b2d1@frank-west>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well a lot of great information has come to the list and direct posts to
Dave and myself. I would like to thank you all here incase I have missed
anyone off list.
72 to all es thanks
Frank KE6VHM

Date: Mon, 01 Feb 1999 15:08:41 -0600
From: Chuck Carpenter <w5usj@unicomp.net>
To: wa8mcq@erols.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31715] Filters manage QRP-L (was Newsgroup vs mail reflector)
Message-ID: <3.0.1.32.19990201150841.0069255c@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike et al,

A while back, someone (thanks much) pointed me to the use of filters to
manage the QRP-L message list. I set up a filter to move all QRP-L
messages to a folder. This folder opens up behind my regular message list.
I scan the folder contents, read what I want, respond if I choose, move to
archive, and or delete.

This approach gives me the flexibility of individual messages and the
functionality of the digest. Also, you can set up extra filters to filter

out messages you prefer to not see. Works great -- try it.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

End of QRP-L Digest 1354
